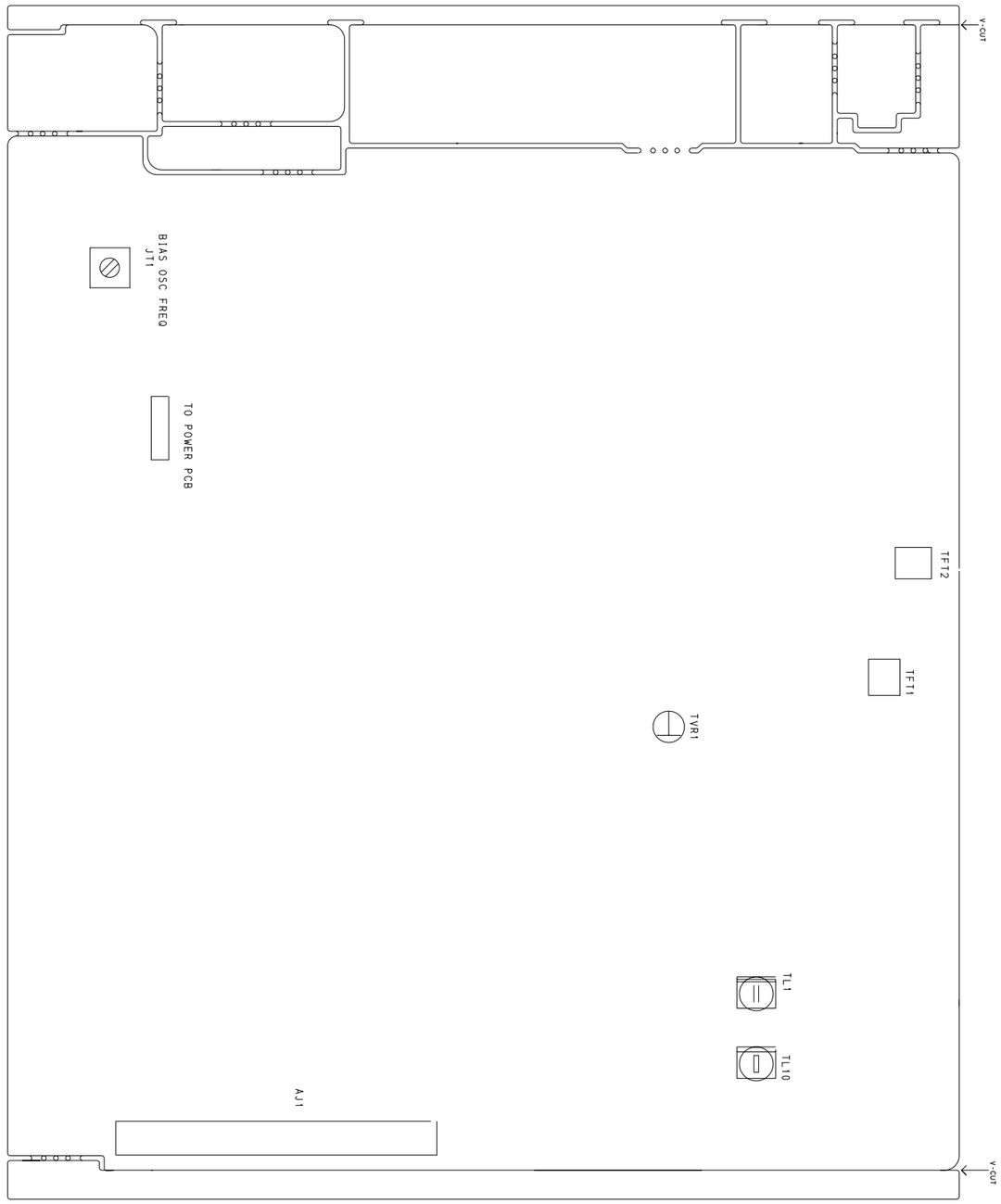
1. Alignment and Adjustments

1-1 Tuner

* When adjusting T.H.D., readjust I/F coil on the Tuner Pack.



FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (TFT2)	FM DETECTOR COIL
Output	60 dB
Minumum Distortion (0.3% below) (Figure 1-1)	

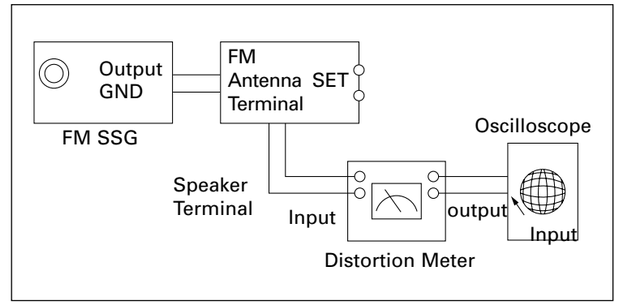


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (TVR1)	BEACON SENSITIVITY SEMI-VR(20KΩ)
Output	1kHz 28dB
Adjust IVR1 so that "TUNED" of FLT is lighted (Figure 1-2)	
4Gag : 20dB(CE standard)	

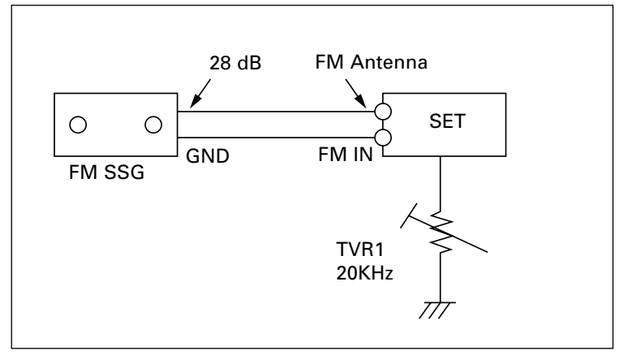


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point (TFT1)	AM I.F COIL
Maximum output (Figure 1-3)	

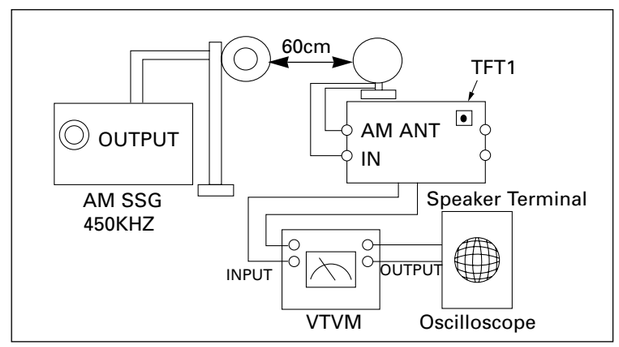


Figure1-3 AM I.F Adjustment

1-2 Cassette Deck

1-2-1 To Adjust Tape Speed

Notes
* Measuring tape: i) MTT-111 CN(or equivalent)
(Tapes recorded with 3kHz)
ii) MTT-5512 (or equivalent)

- Adjust SPEED Control

Step	Item	Tape	Pre-Setup	Adjust Point	Standard	Figure	Remark
1	SPEED Control	MTT-111N (3KHZ)	Press play button after puting tape into the Deck1	USVR1	3 kHZ ±1%	Fig. 1-4	FRONT PCB

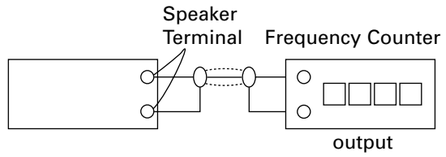


Figure 1-4

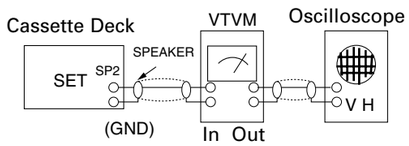


Figure 1-5

- Adjust Record Frequency

Step	Item	Tape	Pre-Setup	Adjust Point	Frequency Range	Figure	Remark
1	Record Frequency	MTT-5512	Press Rec button after connecting (Fig1-5)	JT1	85KHZ±1KHZ	Fig. 1-5	

- Adjust Azimuth

Step	Item	Tape	Pre-Setup	Adjust Point	Standard	Figure	Remark
1	Azimuth	MTT-111CN	Press Play button after puting tape into the Deck1	Adjustment screw of HEAD	8KHZ	Fig.1-4 Fig. 1-6	Output:Maximum

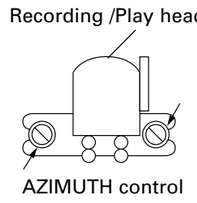
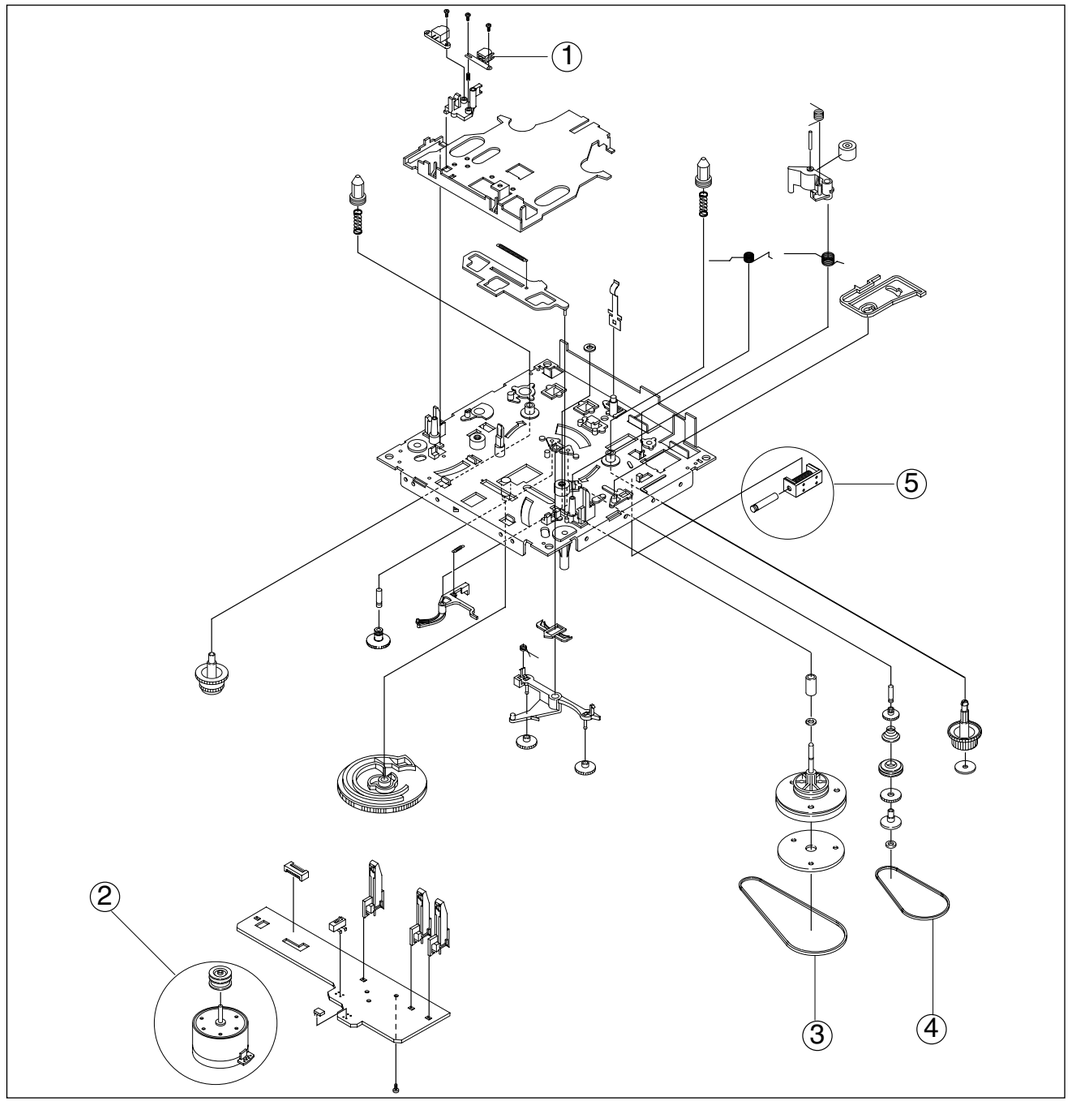


Figure 1-6

2.Exploded Views and Parts List

2-1 Auto Stop Cassette Deck

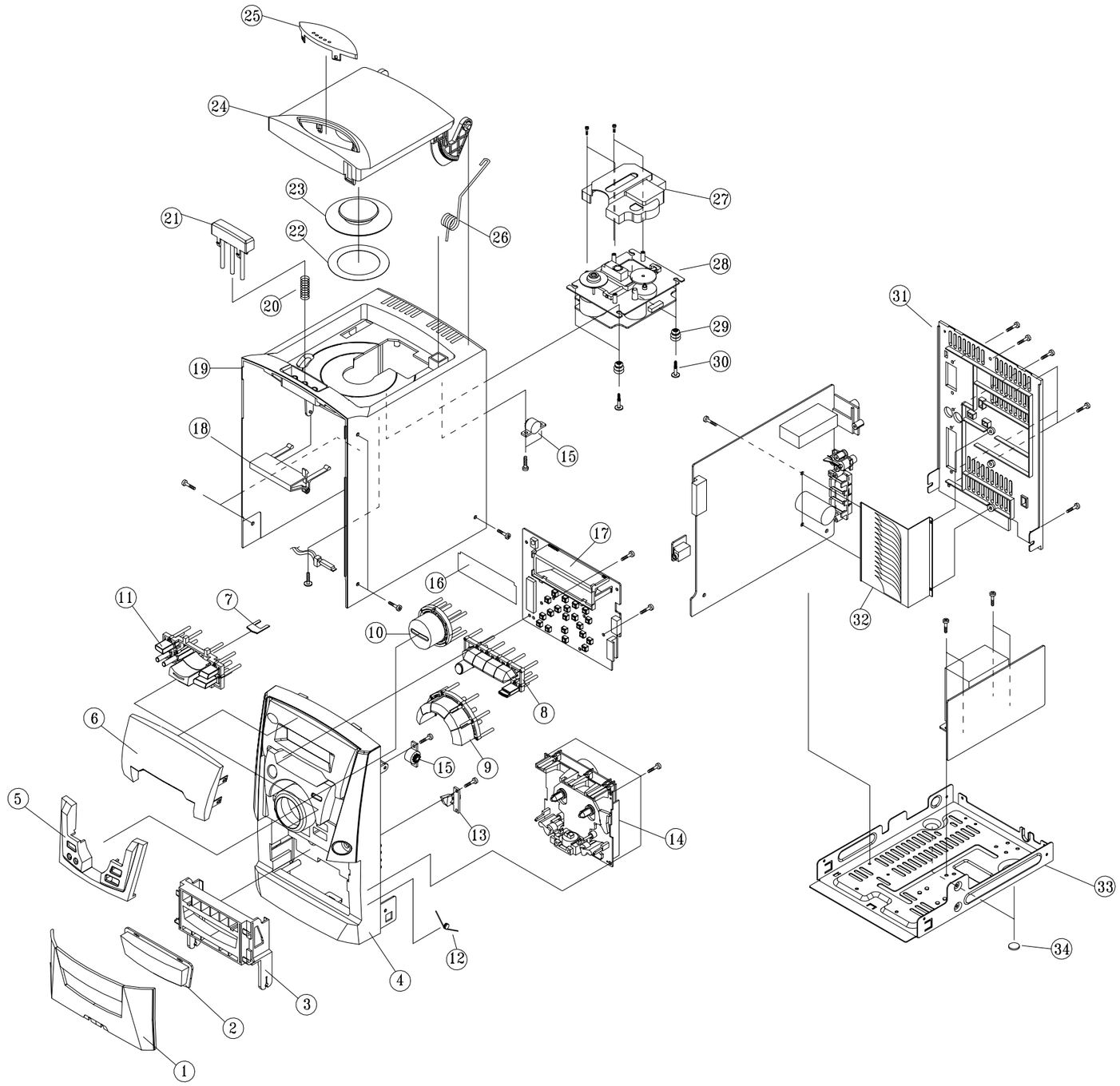


No.	Code No.	Description	Specification	Remarks
	AH59-20006G	DECK-CASSETTE	ADR241CSR :	
1	AH81-10022E	RP HEAD	MA15RAA2N1	12KHZ
2	AH81-00099A	ASS,Y MOTOR	EG530YD-2BH	12V
3	AH81-00100A	BELT MAIN	ADR2400S-MAIN	
4	AH81-00101A	BELT FR	ADR2400S-FR	
5	AH81-00102A	SOLENOID	ADR2400-1 12V	

2-2 Total Exploded View and Parts List

2-2-1 Exploded View

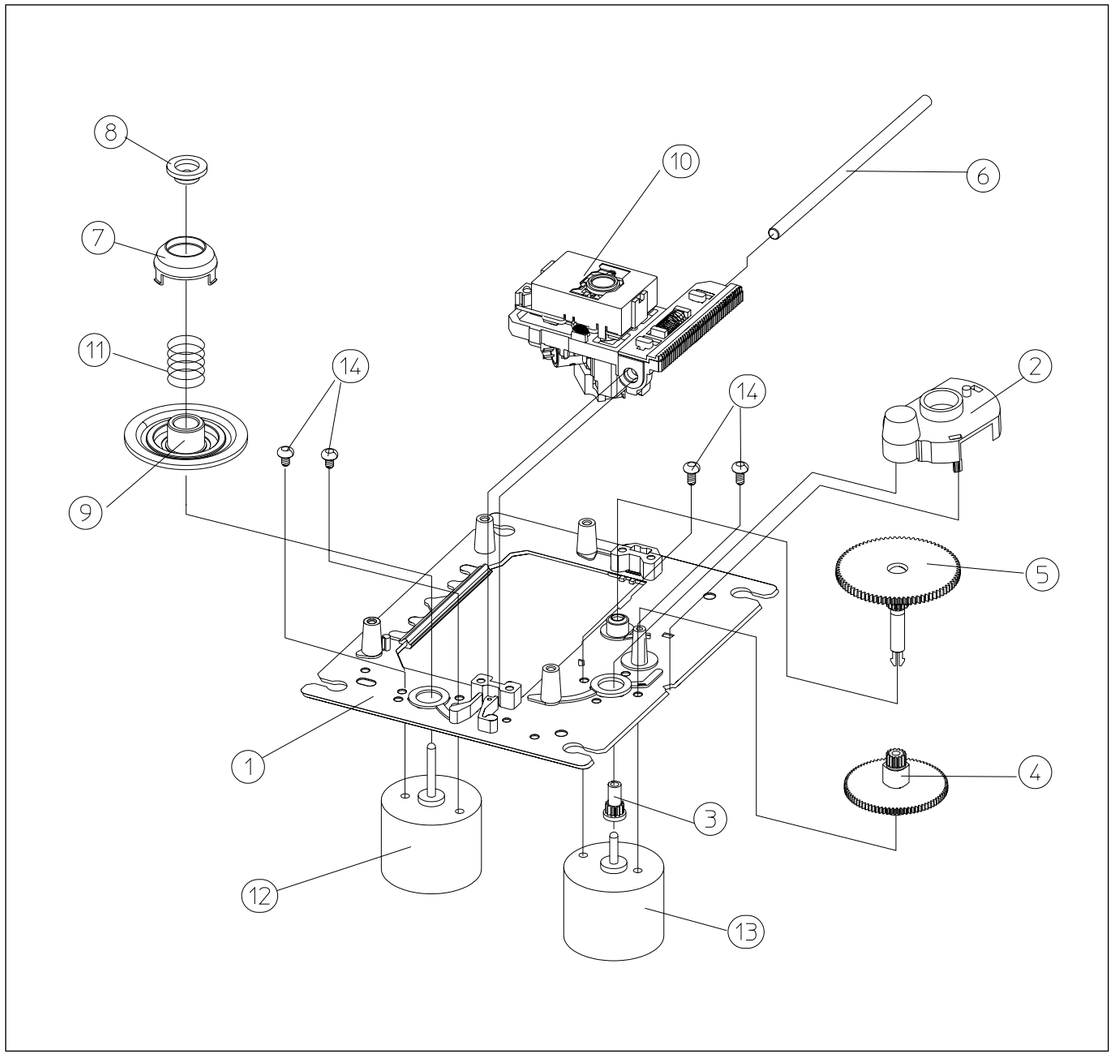
EXPLODED VIEW



2-2-2 Parts List

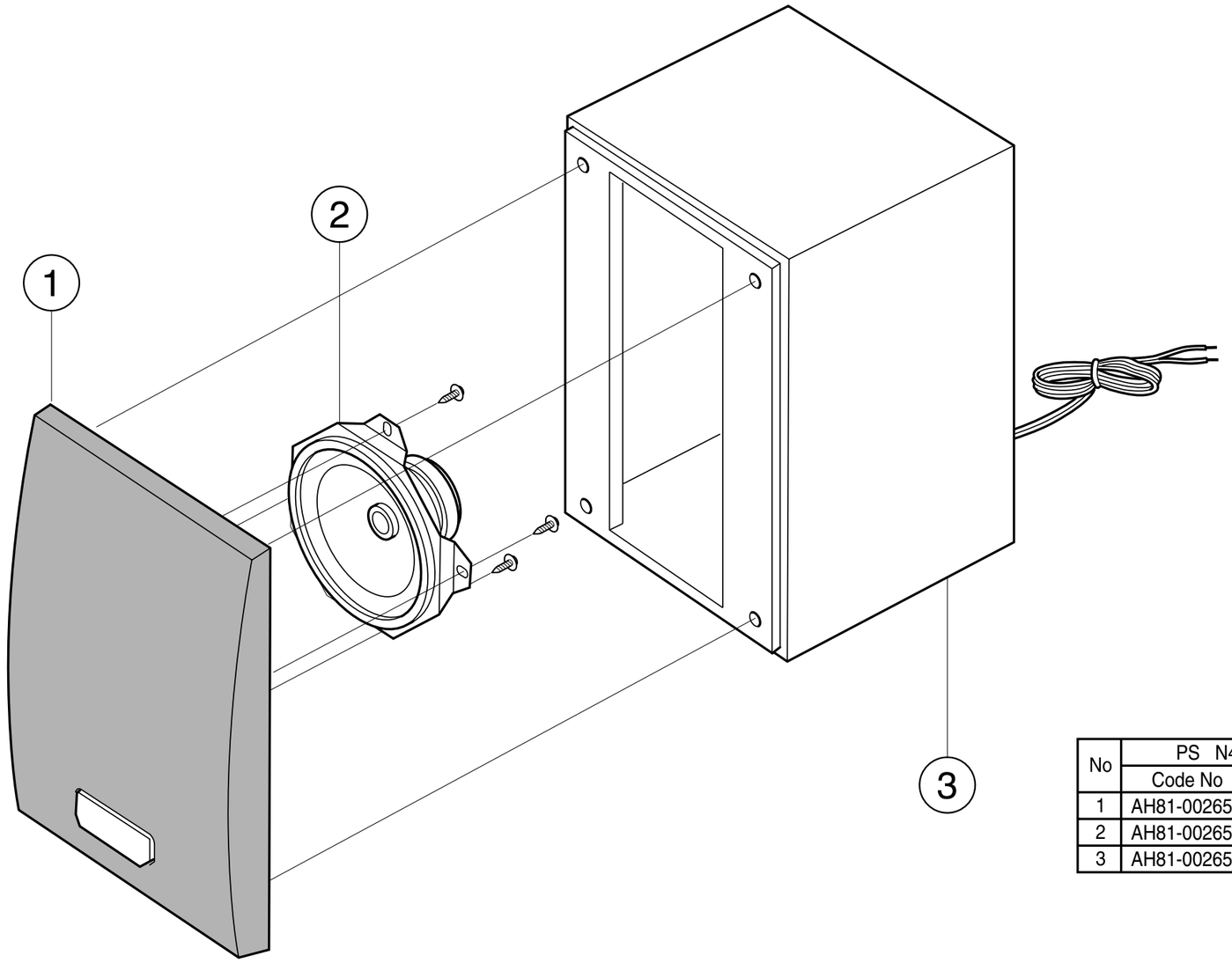
No.	Code No.	Description	Specification	Remarks
1	AH64-00100K	DOOR-CASSETTE	ABS L/GRAY	
2	AH64-00103A	WINDOW-DOOR	PMMA SMOKE	
3	AH61-00084A	HOLDER-CASSETTE	ABS L/GRAY	
4	AH64-00098D	CABINET-FRONT	MIPS L/GRAY	
5	AH64-00101H	DECO-FRONT	ABS D/GRAY	
6	AH64-00102K	WINDOW-LCD	PMMA SMOKE	
7	AH67-00004A	LENS-SOUND	PMMA MILKY	
8	AH64-00104B	KNOB-POWER	ABS D/GRAY	
9	AH64-00105C	KNOB-PLAY	ABS L/GRAY	
10	AH64-00106C	KNOB-VOLUME	ABS BLUE	
11	AH64-00107C	KNOB-SOUND	ABS L/GRAY	
12	AH61-00086A	SPRING-CASSETTE	STS PI 1.0	
13	AH95-50001A	LATCH-ASSY	BLK	
14	AH59-20006G	DECK-CASSETTE	ADR241CSR	
15	AH61-80030A	DAMPER-ASSY	POM M0.8	
16	AH67-00005A	FILTER-LCD	PC 0.5T	
17	AH61-00085A	HOLDER-LCD	PC/ABS WHT	
18	AH66-30085A	LEVER-EJECT	POM BLK	
19	AH64-32005E	CABINET-TOP	MIPS L/GRAY	
20	AH61-62008A	SPRING-KNOB CD	STS PI 0.5	
21	AH64-11270A	KNOB-CD EJECT	ABS M/GRY	
22	AH63-70025B	SHEET-CHUCK	HYMERON T0.5	
23	16603-511-840	CHUCK-PLATE	ABS/GF BLK	
24	AH64-52001X	DOOR-CD	ABS GRAY	
25	AH64-42009B	WINDOW-CD	PMMA SMOKE	
26	AH61-62007A	SPRING-CD DOOR	STS PI 1.2	
27	AH61-20258C	CAP-P/U	ABS BLK	
28	AH96-10001D	ASSY-CD PACK	G3X8T	
29	AH73-10012A	RUBBER-CD	SI RUBBER	
30	AH61-50182D	SHAFT-CD	MSWR	
31	AH64-00099D	CABINET-REAR	MIPS L/GRAY	
32	AH62-00006A	HEAT-SINK M	AL EXTR	
33	AH64-32006A	CABINET-BOTTOM	SECC 1.0T	
34	AH73-10009A	CUSHION-FOOT	URETAN T1.5	

2-3. CD Deck Exploded View and Parts list(COMMON)



No.	Code No.	Description	Specification	Remarks
	AJ59-20003F	DECK-CD	CMS-P30NM6	
1	AH61-10022B	CHASSIS-DECK(M)	CMSA30 POM M90-44	
2	AH63-30048A	COVER-GEAR	CMS-V30 BLK ABS	
3	AH66-20016A	GEAR(A)	CMS-V30 M0.3 Z13 SP POM	
4	AH66-20017A	GEAR(B)	CMS-V30 M0.3 Z13 SP POM	
5	AH66-20018A	GEAR(C)	CMS-V30 M0.3 Z16/Z90 SP POM	
6	AH71-50036A	SHAFT-PU	CMS-V30 D3 L79 SUS420J2	
7	15253-503-011	CENTER-RING	ABS+GS 20% CMS-V10N	
8	AH64-10648A	CENTER-KNOB	ABS 94HB	
9	AH66-90029A	TURN-TABLE(M)	-,-,-,CMS-V30	
10	AJ30-20001B	PICK-UP CDP	P/U SOH-A1 ROW V-P/J	
11	AH61-60055A	SPRING-T/TABLE	CS STS-W PI0.4 D5.7 L9.3 CMS-V10N	
12	AH31-10009A	MOTOR-SPINDLE	RF-310T-11400 43L 25V 85mA	
13	AH31-10002B	MOTOR-FEED	RF-310ta 30MM NDM4RA3ETL 11.0MM	
14	AH60-10014A	SCREW-PH(+M2*3)	+M2X3 FE FZY W700	

2-4 SPEAKER Exploded View and Parts list



No	PS N4(AH81-00265A)	
	Code No	Description
1	AH81-00265D	FRONT PANEL ASS'Y
2	AH81-00265F	UNIT 4"
3	AH81-00265E	CABINET WOODEN

* CAUSION : It is used the bonding, connet CABINET FRONT to CABINET BACK .
So when the disassembly, take extreme care not to demage the SPEAKER.

3. Electrical Parts List

*S.N.A. : Service Not Available

Location no.	Code no.	Description & Specifiation	Remarks
		******* MM-N4 Parts List *******	
AM-ANT	AH42-20001Q	ANT-LOOP;-,KS980214-01,18.5uH,CONNECTOR	
	AH59-10124T	REMOCON—ASSY;-,-,-,22KEY,MM29/39,-	
DECK	AH59-20006G	DECK-CASSETTE;ADR241CSR,MM29,DC12V,LOGIC	
	AH92-00117A	**ASSY-PCB-FRONT;MM-29,FRONT**	**S.N.A.**
UD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD19	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD20	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD3	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
UQ3	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
UQ4	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
UQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-92,TP	
UQ2	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-92,TP	
URD1	0601-000512	LED;ROUND,Y-GRN,5mm,569nm	
UR50	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR51	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR10	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR11	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR12	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR17	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR18	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR31	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR50	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR51	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR55	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR56	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR40	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR41	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR42	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR43	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR44	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR47	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR1	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR16	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR2	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR20	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR3	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR25	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR49	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR5	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR6	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR7	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR13	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR26	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR45	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR46	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR9	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR19	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR23	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR32	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR52	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR57	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR15	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR4	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR22	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR27	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR33	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR39	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR53	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR58	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR14	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR21	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR28	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR30	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR34	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR48	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR54	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR59	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
USVR1	2103-000341	VR-SEMI;2Kohm,30%,1/10W,TOP	
UC8	2201-000247	C-CERAMIC,DISC;15pF,5%,50V,CH,TP,5x3,5	
UC9	2201-000247	C-CERAMIC,DISC;15pF,5%,50V,CH,TP,5x3,5	
UC4	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.5	
UC5	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.5	
UC12	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC22	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC6	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC13	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC14	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC15	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC20	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC16	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
UC2	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,2MM	
UC7	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
UC3	2401-001355	C-AL;470UF,20%,10V,GP,-,8X11.5,5MM	
UC10	2401-001931	C-AL;220NF,20%,50V,-,TP,4X7MM,5	
UC1	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5	
UL1	2701-000111	INDUCTOR-AXIAL;100uH,10%,2.5x3.4mm	
UL2	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
USW1	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW10	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW11	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW12	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW13	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW14	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW15	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW16	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW17	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW18	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW19	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW2	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW3	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW4	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW5	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW6	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW7	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW8	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW9	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
UX2	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAY,12.5pF,	
UX1	2802-000181	RESONATOR-CERAMIC;6MHZ,0.3%,BK,9.0X4.0X7.5MM	
UCW4	3708-001265	CONNECTOR-FPC/FC/PIC;12P,1.25mm,ANGLE-F,	
UCW1	3710-000130	CONNECTOR-SOCKET;11P,1R,2MM,STRAIGHT,SN	
UCW2	3710-000130	CONNECTOR-SOCKET;11P,1R,2MM,STRAIGHT,SN	
UCW5	3711-000814	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,ANGLE,SN	
UCW4-4	3809-001097	CABLE-FLAT;30V,80C,300mm,12P,1.25mm,UL289	
LAMP1	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,	
LAMP2	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,	
LCD1	AH07-00003A	LCD;-,TCM-2023,MM29/39,-	
UIC1	AH11-10035A	MASK-ROM;LVK4000F-12,32,DIP,8	
UCW3	AH39-00063A	LEAD-CONNECTOR ASSY;-,GT201-13,35023,13P,200MM,1007#28	
URE1	AH59-60001J	MODULE-REMOCON;GP1U271R,38KHZ,-,MESH,-,	
LAMP1	AH61-00022A	CAP-;MAX900,SILICON,.,BLUE,RUBBER-CAP/BLUE,-	
LAMP2	AH61-00022A	CAP-;MAX900,SILICON,.,BLUE,RUBBER-CAP/BLUE,-	
LCD1	AH61-00085A	HOLDER—LCD;-,ABS,-,-,-,MM29/39	
LCD1	AH67-00005A	FILTER—LCD;-,PC0.5,-,-,-,-,-,-,MM29/39	
	AH92-00118A	**ASSY-PCB-POWER;MM-29,POWER**	**S.N.A.**
AD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD14	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD15	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD16	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD17	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AZD3	0403-000393	DIODE-ZENER;UZP5.1B,5.1V,4.8-5.4V,1W,DO-41	
AR43	2001-000587	R-CARBON;3.3KOHM,5%,1/2W,AA,TP,3.3X9MM	
AR42	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR41	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
AC21	2201-000546	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,16X7,10	
AC51	2201-000546	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,16X7,10	
AC26	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
AC22	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
F1	3601-000263	FUSE-FERRULE;250V,3.15A,TL,GLASS,5x20mm	
F2	3601-000275	FUSE-FERRULE;250V,400MA,TIME LAG,GLASS,5X20	
F1	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F1-1	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F2	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F2-2	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
AJ1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRAIGHT,SN	
ACW1	3711-000963	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGHT,SN	
P/T	AH26-00015A	TRANS-POWER;E60*30,-,-,115/230V,MM29	
PCORD	AH39-10002L	POWER CORD;CP2,KLCE-2F,2.15M,5239,VDE	
	AH92-00119A	**ASSY-PCB-MAIN;MM-29,MAIN**	**S.N.A.**
AD25	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD26	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD27	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD28	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD29	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	

Location no.	Code no.	Description & Specifiation	Remarks
TD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD10	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD13	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD14	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD17	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD18	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD19	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD20	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD21	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD11	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD12	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD13	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD19	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD20	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD21	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD22	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD23	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AQ16	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
AQ6	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
JQ1	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
JQ10	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
TQ3	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92,TP,12	
JQ4	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ1L	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ1R	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ3	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
JQ5	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L-,-120-	
JQ6	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L-,-120-	
TQ1	0501-000392	TR-SMALL SIGNAL;KSC838-O,NPN,250mW,TO-92,-,70-	
TQ2	0501-000392	TR-SMALL SIGNAL;KSC838-O,NPN,250mW,TO-92,-,70-	
JQ2L	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
JQ2R	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ10	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ8	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ9	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
AQ18	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
AQ8	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
CQ1	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
CQ2	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ3L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ3R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ9	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
AQ12	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
AQ3	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
AQ11	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ14	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ15	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ17	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ4	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ5	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
JQ8	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
QQ2	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92,	
QQ4	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92,	
AQ9	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-92,TP	
JQ7	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-92,TP	
TCF1	14529-304-610	FILTER CERAMIC;AHCM2-450BL	
TR64	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR23	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
HR1	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
HR2	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
JR37	2001-000117	R-CARBON(S);68OHM,5%,1/2W,AA,TP,2.4X6.4MM	
JR29	2001-000118	R-CARBON(S);180ohm,5%,1/2W,AA,TP,2.4x6.4mm	
AR60	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR21	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR72	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR43	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR47	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR50	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR13L	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR13R	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR31	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR32	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR2L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR2R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
MR7	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR30	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR31	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR46	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR49	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Location no.	Code no.	Description & Specifiation	Remarks
CR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR39	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR40	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR41	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR42	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR63	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR13	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR5	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR51	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR53	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR56	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR30	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR27	2001-000527	R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR15	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR11L	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR11R	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR16	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR17	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR5	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR6	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR52	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR32	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR62	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR4L	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR54	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR58	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR16L	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
TR11	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
TR24	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
AR14	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR15	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR56	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR57	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR66	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR30	2001-001138	R-CARBON(S);390ohm,5%,1/2W,AA,TP,2.4x6.4mm	
AR20	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR21	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR45	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR46	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR4	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR7	2003-000428	R-METAL OXIDE(S);1.5Kohm,5%,1W,AA,TP,3.3x9mm	
AR3	2003-000534	R-METAL OXIDE(S);1Kohm,5%,1W,AA,TP,3.3x9mm	
AR1	2003-000554	R-METAL OXIDE(S);2.2ohm,5%,1W,AA,TP,3.3x9mm	
TVR1	2103-000290	VR-SEMI;20Kohm,30%,1/10W,TOP	
TC60	2201-000144	C-CERAMIC,DISC;100pF,5%,50V,CH,TP,8x3,5	
DC1	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP	
DC3	2201-000483	C-CERAMIC,DISC;33pF,5%,50V,CH,TP,5x3,5	
AC1	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC2	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC3	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC5	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
TC37	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
TC63	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
TC49	2201-000747	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x4,5	
AC42	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC52	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC62	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC47	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,-	
TC41	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
AC13	2301-000387	C-FILM,PEF;150NF,10%,50V,TP,12.5X15X7.5,7	
AC14	2301-000387	C-FILM,PEF;150NF,10%,50V,TP,12.5X15X7.5,7	
JC34	2301-000422	C-FILM,PEF;3.3NF,10%,50V,TP,5.5X7X3MM,5MM	
QC15L	2305-000217	C-FILM,MPEF;1uF,10%,100V,BK,21.5x16x8.6,	
QC15R	2305-000217	C-FILM,MPEF;1uF,10%,100V,BK,21.5x16x8.6,	
DC2	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5	
CC3	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC001	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC32	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC18	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC19	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC20	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC9	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,2MM	
JC72	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
QC50	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
AC8	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
JC10L	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC10R	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC12L	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC12R	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC21	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC57	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
TC29	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
TC30	2401-001164	C-AL;33UF,20%,16V,GP,-,5X11,2MM	
AC27	2401-001538	C-AL;47UF,20%,25V,GP,-,6X11,2.5MM	
AC11	2401-001645	C-AL;680nF,20%,50V,GP,-,5x11,2mm	
AC30	2401-001645	C-AL;680nF,20%,50V,GP,-,5x11,2mm	
JC19	2401-001895	C-AL;100uF,20%,16V,GP,6.3x11mm,2.5m	
AC10	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
AC26	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC16	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC22	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC23	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC7L	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC7R	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	

Location no.	Code no.	Description & Specifiation	Remarks
TC3	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
TC4	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
TC23	2401-001936	C-AL;22UF,20%,16V,GP,TP,5X11MM,5MM	
TC24	2401-001936	C-AL;22UF,20%,16V,GP,TP,5X11MM,5MM	
AC29	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
JC18	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
JC70	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
QC10	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
QC9L	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
QC9R	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC10	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC11	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC5	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC6	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC44	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
AC7	2401-001969	C-AL;470UF,20%,25V,GP,TP,10X12MM,5M	
AC40	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
AC41	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC11L	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC11R	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC31	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC33	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC3L	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC3R	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
MC9	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC21	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC33	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC35	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC71	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
MC3	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC1L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC1R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC2L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC2R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC3L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC3R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC4L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC4R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC5L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC5R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
HL1	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
HL2	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
DFT1	2901-001139	FILTER-EMI ON BOARD;50V,.5A,-,390PF,7X2.5X5MM,TP,RADIAL	
DBEAD1	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
DBEAD2	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
MBEAD1	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
AIC3	AC14-12001G	IC;KA78L05,T,-	
TVD1	0405-000137	DIODE-VARACTOR;KV-1260,20V,100NA,T0-92S	
AQ1	0502-000424	TR-POWER;2SB1566-F,PNP,2W,TO-220FN,BK,1	
EIC1	1201-000163	IC-OP AMP;BA4560F-E2	
JIC1	1201-000358	IC-PREAMP;22291,DIP,24P,-,DUAL,-,PLASTIC	
AIC1	1201-001454	IC-POWER AMP;7499,ZIP,11P,-,-,-,PLASTIC,18V,23W,0TO+7	
AQ2	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P,-,PLASTIC,11.5/	
AR44	2003-000556	R-METAL OXIDE(S);2.2ohm,5%,2W,AA,TP,4x12mm	
AC15	2401-001883	C-AL;1000UF,20%,25V,GP,BK,16X25MM,5	
AC16	2401-001883	C-AL;1000UF,20%,25V,GP,BK,16X25MM,5	
AC20	2401-003116	C-AL;4700uF,20%,35V,-,BK,18X35.5,7.	
TX2	2801-000734	CRYSTAL-UNIT;7.2MHZ,50PPM,28-AAM,12PF,30OHM	
MX1	2801-003601	CRYSTAL-UNIT;4.332MHz,30ppm,28-AAM,30pF,	
TCF3	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
TCF4	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
DOUT	3707-001005	CONNECTER-OPTICAL;PLUG,SM,-,4.4/2.0MM	
MJ3	3711-000814	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,ANGLE,SN	
DWF1	3711-000907	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,SN	
JCW1	3711-001062	CONNECTOR-HEADER;BOX,6P,1R,2mm,STRAIGHT,SN	
SCW1	3711-001234	CONNECTOR-HEADER;NOWALL,11P,1R,2.0mm,ANGLE,SN	
SCW2	3711-001234	CONNECTOR-HEADER;NOWALL,11P,1R,2.0mm,ANGLE,SN	
MJ4	3716-000209	TERMINAL-BLOCK;,-,-,60V,7A	
MJ5	3716-000210	TERMINAL-BLOCK;-,-,-,60V,7A	
EJ1	3722-000355	JACK-PHONE;3P,3.5MM,AG,BLK,-	
MJ2	3722-000377	JACK-RCA;4P/2C,3.5MM,SN,BLK,#16~22	
HJ1	3722-000495	JACK-PHONE;11P,3.5MM,-,AG	
MIC7	AH14-10007G	IC;LC72131,DIP,STICK PLL	
MIC6	AH14-10008B	IC;LA1837,DIP,RF+MPX	
TFT1	AH26-10001E	TRANS-IF;KS940228-09,-,-,7.6X12.0,-,450KHZ,BULK,	
JT1	AH26-10003C	COIL-TRAP;PCHNS-5371EQJ,BIAS-TRAP,-,-,850PF,105KHZ	
TFT2	AH26-10020A	TRANS-DET;-,7KLL,DET,-,7.8MM,91PF,11.32M	
TL6	AH27-00007A	COIL-OSC;LKS7FB00-0060BLO-0,-,LW OSC	
TL11	AH27-00008A	COIL-OSC;LKS75M00-0060LMO-0,-,MW OSC	
TL9	AH27-00011A	COIL-OSC;LKS75M00-X000262-0,-,LW ANT	
TL10	AH27-00012A	COIL-OSC;LKS75M00-X000263-0,365UH,MW ANT	
AL1	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL2	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL3	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL4	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
DWE1	AH39-00023A	LEAD CONNECTOR-ASSY;-,51004-03,51004-03,03P,300MM,2547#28	
JCW1-1	AH39-00064A	LEAD CONNECTOR-ASSY;-,51004,-,6P,150MM,1007#28	
JCW3	AH39-00065A	LEAD CONNECTOR-ASSY;-,5264,2.5,-,5P,150MM,1007#28	
MWF5	AH39-20002S	LEAD-CONNECTOR ASS'Y;5264,-,4P,200MM,1533#28	
JCW2	AH39-20022G	LEAD-CONNECTOR ASS'Y;51004,5295,8P,300MM,1007#28	
ECW1	AH39-20560R	LEAD CONNECTOR-ASSY;-,5264,35022,3P,200m	
DECK	AH39-50001K	LEAD-FASTEN;RING,1007#24,140MM,BLK	
SHASS	AH39-50001K	LEAD-FASTEN;RING,1007#24,140MM,BLK	

Location no.	Code no.	Description & Specifiation	Remarks
TFE1	AH40-10025S	TUNER-FM;KST-F404VA-1,4G,75ohm	
DRW1R	AH61-40022A	STUD-TAP;SPC1,T0.5,BT2,-,-,	
EIC1	1201-000163	IC-OP AMP;BA4560F-E2	
MIC5	1201-000163	IC-OP AMP;BA4560F-E2	
MIC8	1201-000163	IC-OP AMP;BA4560F-E2	
MIC4	1204-001465	IC-VOLUME/TONE CONT.;TDA7440D,SOP,28,18.	
TR25	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
AR55	2007-000032	R-CHIP;390KOHM,5%,1/10W,DA,TP,2012	
JR19	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
QR4R	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
JR28	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
TC18	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
TC19	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
JR61	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
TR35	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
TR4	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
JR63	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
MR3	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR001	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR28	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR6	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
AR61	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
AR62	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
JR30	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
JR61	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
QR9L	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
QR9R	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR1	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR22	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR46	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
JR70	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
JR71	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR54	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR55	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR8	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
JR17L	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
JR17R	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
TR14	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
JR3L	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
JR3R	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
AR31	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR12L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR12R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
QR5L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
QR5R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TR16	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TR45	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
AR47	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
CR2	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR60	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR66	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR7L	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR7R	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR36	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR38	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR44	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR12	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
TR13	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
AR70	2007-000565	R-CHIP;220KOHM,5%,1/10W,DA,TP,2012	
QR7L	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
QR7R	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
TR18	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
TR19	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
AR48	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
AR6	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR15	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR25	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR32	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR34	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
TR26	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR6L	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
JR6R	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
TR2	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
CR7	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
CR8	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
JR9L	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
JR9R	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
QR6L	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
QR6R	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
TR5	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
TR3	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
QR10L	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
QR10R	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
QR12	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
JR8L	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
JR8R	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
TR20	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
TR33	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
AR9	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
JR16R	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
QR1L	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
QR1R	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR10	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	

Location no.	Code no.	Description & Specifiation	Remarks
TR37	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR65	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR7	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
AR11	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
AR29	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
QR8L	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
QR8R	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
JR4L	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
JR4R	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
JR31	2007-001074	R-CHIP;6.8OHM,5%,1/10W,DA,TP,2012	
JR5L	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
JR5R	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
TR21	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
QC6L	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC6R	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC7L	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC7R	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
JC13L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC13R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC2L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC2R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC72	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC8	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
QC13	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC26	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC48	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC71	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC72	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC30	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
TC46	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
JC26	2203-000374	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,2012,-	
TC8	2203-000408	C-CERAMIC,CHIP;180pF,5%,50V,NPO,TP,2012,-	
JC4L	2203-000417	C-CERAMIC,CHIP;18NF,10%,50V,X7R,TP,2012,-	
JC4R	2203-000417	C-CERAMIC,CHIP;18NF,10%,50V,X7R,TP,2012,-	
JC27	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
TC14	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
TC15	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
QC11	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
QC12	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
TC59	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
TC61	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
JC17	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
JC71	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
QC16	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC1	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC16	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC36	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC43	2203-000710	C-CERAMIC,CHIP;2pF,0.25pF,50V,NPO,TP,2012,-	
QC14L	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
QC14R	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
MC4	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC2	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC25	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC28	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC34	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC38	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC39	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC45	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC7	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC70	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC73	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
AC12	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
AC9	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
QC8L	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
QC8R	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
MC5	2203-001058	C-CERAMIC,CHIP;560pF,5%,50V,NPO,2012,-,TP	
TC42	2203-001517	C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,-	
TC72	2203-001517	C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,-	
JC14R	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
JC15L	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
JC15R	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
MC1	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
MC2	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
MC6	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
TC17	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
JC5L	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
JC5R	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC12	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC13	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC27	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
TC40	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
DIC1	AH14-10004R	IC;M74HCU04,SOP,TAPE 14P	
MIC9	AH14-10008E	IC;BU1923F,SOP,+5V	
	AH96-10001D	ASSY-CD PACK;G3X8T,G3X8+TOP LOAD	
	AH90-10737A	**ASSY-PCB CD MAIN;DVC660FQ,SMC**	**S.N.A.**
	3708-000177	CONNECTOR-FPC/FC/PIC;16P,1MM,ANGLE,SN	
	3708-000412	CONNECTOR-FPC/FC/PIC;12P,1.25MM,ANGLE,	
	3711-001136	CONNECTOR-HEADER;BOX,8P,1R,2mm,ANGLE,SN	
	3809-000202	CABLE-FLAT;30V,80C,82MM,16P,1MM,UL2896	
	3809-001097	CABLE-FLAT;30V,80C,300mm,12P,1.25mm,UL289	
ND200	0407-000101	DIODE-ARRAY;DA204K,20V,100mA,C2-3,SOT-23,T	
ND201	0407-000101	DIODE-ARRAY;DA204K,20V,100mA,C2-3,SOT-23,T	

Location no.	Code no.	Description & Specifiation	Remarks
NQ1502	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,TP,90-	
IC9286	0904-001159	IC-DSP;9286,8BIT,QFP,80P,-,1MHZ,TR,CM	
IC9258	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP,28P,-,SINGLE,-,ST,	
IC9223	1204-001286	IC-ASP;KB9223,QFP,80P,-,PLASTIC,6V,20	
NR109	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR203	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR300	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR57L	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR57R	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR606	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR56L	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
NR56R	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
NR602	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
NR603	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
NR104	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR106	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR107	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR100	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR120	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR121	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR204	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR103	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR119	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR500	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR400	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
NR115	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
NR102	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR401	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR54L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR54R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR601	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR604	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR804	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR114	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
NR50L	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR50R	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR101	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
NR200	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
NR201	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR202	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR52L	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
NR52R	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
NR105	2007-000830	R-CHIP;39KOHM,5%,1/10W,DA,TP,2012	
NR53L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR53R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR55L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR55R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR117	2007-000898	R-CHIP;430Kohm,5%,1/10W,DA,TP,2012	
NR108	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR111	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR112	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
NR113	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
NR116	2007-001195	R-CHIP;820KOHM,5%,1/10W,DA,TP,2012	
NR118	2007-001216	R-CHIP;82OHM,5%,1/10W,DA,TP,2012	
NC107	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC108	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC119	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC120	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC121	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC904	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC54L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
NC54R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
-	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC103	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC112	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC113	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC116	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC205	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC400	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC500	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC502	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC53L	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC53R	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC602	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC800	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC804	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC901	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC902	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC905	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC107	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,2012,-	
NC301	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,2012,-	
NC110	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
NC118	2203-000787	C-CERAMIC,CHIP;330pF,5%,50V,NPO,TP,2012,-	
NC101	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC111	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC125	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC100	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
NC106	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
NC124	2203-000919	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,2012,	
NC204	2203-000919	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,2012,	
NC200	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
NC2000	2203-001026	C-CERAMIC,CHIP;4pF,0.25pF,50V,SL,TP,2012,-	
NC115	2203-001137	C-CERAMIC,CHIP;68nF,+80-20%,50V,Y5V,TP,2012,-	

Location no.	Code no.	Description & Specifiation	Remarks
NC190	2203-001256	C-CERAMIC,CHIP;8pF,0.25pF,50V,NPO,TP,2012,2.0	
NC104	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC300	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC52L	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC52R	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC603	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC903	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC102	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
NC201	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
NC202	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC203	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC50L	2404-000367	C-TA,CHIP;4.7UF,20%,6.3V,-,TP,3216,-	
NC50R	2404-000367	C-TA,CHIP;4.7UF,20%,6.3V,-,TP,3216,-	
NL301	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
NL303	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
NL300	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-	
NL302	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-	
NJW106	3811-000389	WIRE-NO SHEATH CU;SPCW,300V,52.4MM,1/0.5MM,-,-	
NQ1501	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
-	2008-000141	R-FUSIBLE;2.2ohm,5%,1/4W,AA,TP,2.6x6.7mm	
NR555	2008-000141	R-FUSIBLE;2.2ohm,5%,1/4W,AA,TP,2.6x6.7mm	
NC117	2301-000389	C-FILM,PEF;150nF,5%,50V,TP,12.5x15x7.5,7m	
NC105	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC501	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC702	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC704	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC902	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC114	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-	
NC700	2401-000868	C-AL;220uF,20%,4V,GP,TP,6.3x5,2.5mm	
NC701	2401-000868	C-AL;220uF,20%,4V,GP,TP,6.3x5,2.5mm	
NC703	2401-001102	C-AL;330UF,20%,16V,GP,TP,8X12,5	
NC122	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC55L	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC55R	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC903	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NJW108	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
NIC05	AC14-12001G	IC;KA78L05,T,-	
	AJ59-20003E	DECK-CDP;CMS-P30AM6,-,-,-	

***** MM39 Parts List *****

AM-ANT	AH42-20001Q	ANT-LOOP;-,KS980214-01,18.5uH,CONNECTOR	
	AH59-10124T	REMOCON—ASSY;-,-,-,22KEY,MM29/39,-	
DECK	AH59-20006H	DECK-CASSETTE;ADR241BTR,MM39,DC12V,LOGIC	

AH92-00076A ASSY-PCB-MAIN CHIP;MM-39,MAIN CHIP S.N.A.

EIC1	1201-000163	IC-OP AMP;BA4560F-E2	
MIC5	1201-000163	IC-OP AMP;BA4560F-E2	
MIC8	1201-000163	IC-OP AMP;BA4560F-E2	
MIC4	1204-001465	IC-VOLUME/TONE CONT.;TDA7440D,SOP,28,18.	
TR25	2007-000030	R-CHIP;560OHM,5%,1/10W,DA,TP,2012	
AR55	2007-000032	R-CHIP;390KOHM,5%,1/10W,DA,TP,2012	
JR57	2007-000032	R-CHIP;390KOHM,5%,1/10W,DA,TP,2012	
JR19	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
JR24	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
QR4R	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
JR28	2007-000241	R-CHIP;1.5KOHM,5%,1/10W,DA,TP,2012	
TC18	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
TC19	2007-000267	R-CHIP;1.8KOHM,5%,1/10W,DA,TP,2012	
JR61	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
TR35	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
TR4	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
JR63	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
MR3	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR001	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR28	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
TR6	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
AR61	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
AR62	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
JR30	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
JR61	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
QR9L	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
QR9R	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR1	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR21	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR22	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR46	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
TR68	2007-000308	R-CHIP;10OHM,5%,1/10W,DA,TP,2012	
JR10L	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
JR56	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
JR70	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
JR71	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR26	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR54	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR55	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
TR8	2007-000401	R-CHIP;150OHM,5%,1/10W,DA,TP,2012	
JR17L	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
JR17R	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
TR14	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
JR3L	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
JR3R	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
JR57	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
TCR18	2007-000457	R-CHIP;18KOHM,5%,1/10W,DA,TP,2012	
TCR19	2007-000457	R-CHIP;18KOHM,5%,1/10W,DA,TP,2012	
AR31	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
AR5R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR12L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR12R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR1L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
JR1R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
QR5L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
QR5R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TR16	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TR45	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
TR46	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
AR47	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
AR48	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
CR2	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR60	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR66	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR7L	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
JR7R	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR36	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR38	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR44	2007-000493	R-CHIP;2.2KOHM,5%,1/10W,DA,TP,2012	
TR12	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
TR13	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
TR17	2007-000518	R-CHIP;2.7KOHM,5%,1/10W,DA,TP,2012	
AR70	2007-000565	R-CHIP;220KOHM,5%,1/10W,DA,TP,2012	
QR7L	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
QR7R	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
TR18	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
TR19	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012	
AR48	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
AR6	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR10L	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR15	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR25	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR32	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR34	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
TR26	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
JR6L	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
JR6R	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
TR2	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
CR7	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
CR8	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
JR9L	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
JR9R	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
QR4R	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
QR6L	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
QR6R	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
TR5	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
TR3	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
TR6	2007-000710	R-CHIP;3.9KOHM,5%,1/10W,DA,TP,2012	
QR10L	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
QR10R	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
QR12	2007-000778	R-CHIP;330Kohm,5%,1/10W,DA,TP,2012	
JR6L	2007-000781	R-CHIP;33OHM,5%,1/10W,DA,TP,2012	
JR6R	2007-000781	R-CHIP;33OHM,5%,1/10W,DA,TP,2012	
JR8L	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
JR8R	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
TR20	2007-000822	R-CHIP;390OHM,5%,1/10W,DA,TP,2012	
TR33	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
AR6	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
AR9	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
JR16R	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
QR1L	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
QR1R	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR10	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR37	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR65	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
TR7	2007-000981	R-CHIP;5.6KOHM,5%,1/10W,DA,TP,2012	
AR11	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
AR29	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
AR8R	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
JR19	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
QR8L	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
QR8R	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
JR4L	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
JR4R	2007-001071	R-CHIP;6.8KOHM,5%,1/10W,DA,TP,2012	
JR30	2007-001074	R-CHIP;6.8OHM,5%,1/10W,DA,TP,2012	
JR31	2007-001074	R-CHIP;6.8OHM,5%,1/10W,DA,TP,2012	
JR5L	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
JR5R	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
TR21	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
QC6L	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC6R	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC7L	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
QC7R	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
JC13L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC13R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC2L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC2R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC72	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC8	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	

Location no.	Code no.	Description & Specifiation	Remarks
QC13	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC26	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC48	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC71	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
TC72	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
JC30	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
TC46	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
JC26	2203-000374	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,2012,-	
JC27	2203-000374	C-CERAMIC,CHIP;15nF,10%,50V,X7R,TP,2012,-	
TC8	2203-000408	C-CERAMIC,CHIP;180pF,5%,50V,NPO,TP,2012,-	
JC4L	2203-000417	C-CERAMIC,CHIP;18NF,10%,50V,X7R,TP,2012,-	
JC4R	2203-000417	C-CERAMIC,CHIP;18NF,10%,50V,X7R,TP,2012,-	
JC26	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
JC27	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
TC14	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
TC15	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
QC11	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
QC12	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
TC59	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
TC61	2203-000595	C-CERAMIC,CHIP;220pF,5%,50V,NPO,TP,2012,-	
JC17	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
JC70	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
JC71	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
QC14L	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
QC14R	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
QC16	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC1	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC16	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC36	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC7	2203-000609	C-CERAMIC,CHIP;22nF,10%,50V,X7R,TP,2012,-	
TC43	2203-000710	C-CERAMIC,CHIP;2pF,0.25pF,50V,NPO,TP,2012,-	
QC14L	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
QC14R	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
JC52	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
JC53	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
AC12	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,-	
AC9	2203-000953	C-CERAMIC,CHIP;470pF,5%,50V,NPO,TP,2012,-	
JC53	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
MC4	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC1	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC2	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC25	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC28	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC34	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC38	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC39	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC45	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC7	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC70	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
TC73	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
AC12	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
AC9	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
QC8L	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
QC8R	2203-001036	C-CERAMIC,CHIP;5.6NF,10%,50V,X7R,TP,2012,-	
MC5	2203-001058	C-CERAMIC,CHIP;560pF,5%,50V,NPO,2012,-,TP	
TC42	2203-001517	C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,-	
TC72	2203-001517	C-CERAMIC,CHIP;15pF,5%,50V,NPO,TP,2012,-	
JC14L	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
JC14R	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
JC15L	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
JC15R	2203-001518	C-CERAMIC,CHIP;1.8NF,10%,50V,X7R,TP,2012,-	
MC1	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
MC2	2203-001524	C-CERAMIC,CHIP;47pF,5%,50V,NPO,TP,2012,-	
JC5L	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
JC5R	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
MC6	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
TC17	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
JC5L	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
JC5R	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC12	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC13	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
TC27	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
TC40	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
DIC1	AH14-10004R	IC;M74HCU04,SOP,TAPE 14P	
MIC9	AH14-10008E	IC;BU1923F,SOP,+5V	
	AH92-00077A	**ASSY-PCB-POWER;MM-39,POWER**	**S.N.A.**
AD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD8	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD14	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD15	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD16	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AD17	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,BK	
AZD3	0403-000393	DIODE-ZENER;UZP5.1B,5.1V,4.8-5.4V,1W,DO-41	
AR43	2001-000587	R-CARBON;3.3KOHM,5%,1/2W,AA,TP,3.3X9MM	
AR42	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR41	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
AC21	2201-000546	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,16X7,10	
AC51	2201-000546	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,16X7,10	
AC26	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
AC22	2401-000475	C-AL;10UF,20%,50V,GP,-,5X11,2MM	
F1	3601-000263	FUSE-FERRULE;250V,3.15A,TL,GLASS,5x20mm	
F2	3601-000275	FUSE-FERRULE;250V,400MA,TIME LAG,GLASS,5X20	

Location no.	Code no.	Description & Specifiation	Remarks
F1	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F1-1	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F2	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
F2-2	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM	
AJ1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRAIGHT,SN	
ACW1	3711-000963	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGHT,SN	
P/T	AH26-00016A	TRANS-POWER;E66*30,-,-,115/230V,MM39	
	AH27-10001F	COIL-CHOKE;27UH,K,Q30,-,-,DR(6.5*7.5),-,-	
PCORD	AH39-10002L	POWER CORD;CP2,KLCE-2F,2.15M,5239,VDE	
	AH92-00078A	**ASSY-PCB-FRONT;MM-39,FRONT**	**S.N.A.**
UX2	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAY,12.5pF,	
UX1	2802-000181	RESONATOR-CERAMIC;6MHZ,0.3%,BK,9.0X4.0X7.5MM	
UCW4	3708-001265	CONNECTOR-FPC/FC/PIC;12P,1.25mm,ANGLE-F,	
UCW1	3710-000130	CONNECTOR-SOCKET;11P,1R,2MM,STRAIGHT,SN	
UCW2	3710-000130	CONNECTOR-SOCKET;11P,1R,2MM,STRAIGHT,SN	
UCW5	3711-000814	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,ANGLE,SN	
UCW4-4	3809-001097	CABLE-FLAT;30V,80C,300mm,12P,1.25mm,UL289	
LAMP1	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,	
LAMP2	4713-000158	LAMP-NEON;9V,75MA,0.7W,TRP,3X5.3MM,-,	
LCD1	AH07-00003A	LCD;-,TCM-2023,MM29/39,-	
UIC1	AH11-10035A	MASK-ROM;LVK4000F-12,32,DIP,8	
UCW3	AH39-00063A	LEAD-CONNECTOR ASSY;-,GT201-13,35023,13P,200MM,1007#28	
URE1	AH59-60001J	MODULE-REMOCON;GP1U271R,38KHZ,-,MESH,-,	
LAMP1	AH61-00022A	CAP-;MAX900,SILICON,,,BLUE,RUBBER-CAP/BLUE,-	
LAMP2	AH61-00022A	CAP-;MAX900,SILICON,,,BLUE,RUBBER-CAP/BLUE,-	
LCD1	AH61-00085A	HOLDER—LCD;-,ABS,-,-,-,MM29/39	
LCD1	AH67-00005A	FILTER—LCD;-,PC0.5,-,-,-,-,-,-,MM29/39	
UD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD19	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD20	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UD3	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
UQ3	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
UQ4	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
UQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-92,TP	
UQ2	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-92,TP	
URD1	0601-000512	LED;ROUND,Y-GRN,5mm,569nm	
UR50	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR51	2001-000119	R-CARBON;680OHM,5%,1/4W,AA,TP,2.4X6.4MM	
UR10	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR11	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR12	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR17	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR18	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR31	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR50	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR51	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR55	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR56	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR40	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR41	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR42	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR43	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR44	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR47	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR1	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR16	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR2	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR20	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR3	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR25	2001-000405	R-CARBON;180OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR49	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR5	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR6	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR7	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR13	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR26	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR45	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR46	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR9	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR19	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR23	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR32	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR52	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR57	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR15	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR4	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR22	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR27	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR33	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR39	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR53	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR58	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR14	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR21	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR28	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR30	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR34	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	

Location no.	Code no.	Description & Specifiation	Remarks
UR48	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR54	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
UR59	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
USVR1	2103-000341	VR-SEMI;2Kohm,30%,1/10W,TOP	
UC8	2201-000247	C-CERAMIC,DISC;15pF,5%,50V,CH,TP,5x3,5	
UC9	2201-000247	C-CERAMIC,DISC;15pF,5%,50V,CH,TP,5x3,5	
UC4	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.5	
UC5	2201-000423	C-CERAMIC,DISC;27pF,5%,50V,NPO,TP,5x3,2.5	
UC12	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC22	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC6	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
UC13	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC14	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC15	2202-000164	C-CERAMIC,MLC-AXIAL;,18NF,10%,50V,Y5P,TP,3.5X1.9MM,-	
UC20	2202-000854	C-CERAMIC,MLC-AXIAL;47NF,30%,50V,Y5R,TP,3.5X1.9,-	
UC16	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
UC2	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,2MM	
UC7	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
UC3	2401-001355	C-AL;470UF,20%,10V,GP,-,8X11.5,5MM	
UC10	2401-001931	C-AL;220NF,20%,50V,-,TP,4X7MM,5	
UC1	2401-001952	C-AL;4.7UF,20%,50V,-,TP,6.3X7,5	
UL1	2701-000111	INDUCTOR-AXIAL;100uH,10%,2.5x3.4mm	
UL2	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
USW1	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW10	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW11	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW12	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW13	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW14	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW15	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW16	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW17	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW18	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW19	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW2	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW3	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW4	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW5	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW6	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW7	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW8	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
USW9	3404-000165	SWITCH-TACT;12V,50MA,160GF+-50GF,6X6MM,SPS	
	AH92-00079A	**ASSY-PCB-MAIN;MM-39,MAIN**	**S.N.A.**
TVD1	0405-000137	DIODE-VARACTOR;KV-1260,20V,100NA,T0-92S	
AQ1	0502-000424	TR-POWER;2SB1566-F,PNP,2W,TO-220FN,BK,1	
AQ7	0502-000424	TR-POWER;2SB1566-F,PNP,2W,TO-220FN,BK,1	
EIC1	1201-000163	IC-OP AMP;BA4560F-E2	
JIC1	1201-000358	IC-PREAMP;22291,DIP,24P,-,DUAL,-,PLASTIC	
AIC1	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1000	
AQ2	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P,-,PLASTIC,11.5/	
AR44	2003-000556	R-METAL OXIDE(S);2.2ohm,5%,2W,AA,TP,4x12mm	
AC15	2401-001883	C-AL;1000UF,20%,25V,GP,BK,16X25MM,5	
AC16	2401-001883	C-AL;1000UF,20%,25V,GP,BK,16X25MM,5	
AC20	2401-002258	C-AL;4700UF,20%,50V,GP,BK,22X40MM,5	
TX2	2801-000734	CRYSTAL-UNIT;7.2MHZ,50PPM,28-AAM,12PF,30OHM	
MX1	2801-003601	CRYSTAL-UNIT;4.332MHz,30ppm,28-AAM,30pF,	
TCF3	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
TCF4	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+-25KHZ,180KHZ+-50KH	
DOUT	3707-001005	CONNECTER-OPTICAL;PLUG,SM,-,4.4/2.0MM	
MJ3	3711-000814	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,ANGLE,SN	
DWF1	3711-000907	CONNECTOR-HEADER;BOX,3P,1R,2mm,STRAIGHT,SN	
SCW1	3711-001234	CONNECTOR-HEADER;NOWALL,11P,1R,2.0mm,ANGLE,SN	
SCW2	3711-001234	CONNECTOR-HEADER;NOWALL,11P,1R,2.0mm,ANGLE,SN	
MJ4	3716-000209	TERMINAL-BLOCK;,-,-,60V,7A	
MJ5	3716-000210	TERMINAL-BLOCK;-,-,-,60V,7A	
EJ1	3722-000355	JACK-PHONE;3P,3.5MM,AG,BLK,-	
MJ2	3722-000377	JACK-RCA;4P/2C,3.5MM,SN,BLK,#16~22	
HJ1	3722-000495	JACK-PHONE;11P,3.5MM,-,AG	
JIC2	AH14-10002H	IC;LA2010,-,	
MIC7	AH14-10007G	IC;LC72131,DIP,STICK PLL	
MIC6	AH14-10008B	IC;LA1837,DIP,RF+MPX	
TFT1	AH26-10001E	TRANS-IF;KS940228-09,-,-,7.6X12.0,-,450KHZ,BULK,	
JT1	AH26-10003C	COIL-TRAP;PCHNS-5371EQJ,BIAS-TRAP,-,-,850PF,105KHZ	
TFT2	AH26-10020A	TRANS-DET;-,7KLL,DET,-,7.8MM,91PF,11.32M	
TL6	AH27-00007A	COIL-OSC;LKS7FB00-0060BLO-0,-,LW OSC	
TL11	AH27-00008A	COIL-OSC;LKS75M00-0060LMO-0,-,MW OSC	
TL9	AH27-00011A	COIL-OSC;LKS75M00-X000262-0,-,LW ANT	
TL10	AH27-00012A	COIL-OSC;LKS75M00-X000263-0,365UH,MW ANT	
AL1	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL2	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL3	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
AL4	AH27-90001A	COIL-SPRING;,2.2UH,-,-,SPRING	
DWE1	AH39-00023A	LEAD CONNECTOR-ASSY;-,51004-03,51004-03,03P,300MM,2547#28	
JCW1-1	AH39-00062A	LEAD CONNECTOR-ASSY;-,5295,PHR,-,6P,150MM,1007#28	
JCW3	AH39-00065A	LEAD CONNECTOR-ASSY;-,5264,2.5,-,5P,150MM,1007#28	
MWF5	AH39-20002S	LEAD-CONNECTOR ASS'Y;5264,-,4P,200MM,1533#28	
JCW2	AH39-20022G	LEAD-CONNECTOR ASS'Y;51004,5295,8P,300MM,1007#28	
ECW1	AH39-20560R	LEAD CONNECTOR-ASSY;-,5264,35022,3P,200m	
DECK	AH39-50001K	LEAD-FASTEN;RING,1007#24,140MM,BLK	
SHASS	AH39-50001K	LEAD-FASTEN;RING,1007#24,140MM,BLK	
TFE1	AH40-10025S	TUNER-FM;KST-F404VA-1,4G,75ohm	
DRW1R	AH61-40022A	STUD-TAP;SPC1,T0.5,BT2,-,-,	

Location no.	Code no.	Description & Specifiation	Remarks
AD25	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD26	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD27	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD28	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD29	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD6	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD7	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
JD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD10	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD13	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD14	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD17	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD18	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD19	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD20	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD21	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD5	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD8	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
TD9	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
AD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD11	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD12	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD13	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD19	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD20	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD21	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD22	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD23	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AQ16	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
AQ6	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
JQ1	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
JQ10	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
TQ3	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92,TP,12	
JQ4	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ1L	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ1R	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
QQ3	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120-	
JQ5	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L,-,120-	
JQ6	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1W,TO-92L,-,120-	
TQ1	0501-000392	TR-SMALL SIGNAL;KSC838-O,NPN,250mW,TO-92,-,70-	
TQ2	0501-000392	TR-SMALL SIGNAL;KSC838-O,NPN,250mW,TO-92,-,70-	
JQ2L	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
JQ2R	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ10	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ8	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
TQ9	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
AQ18	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
AQ8	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
CQ1	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
CQ2	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ3L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ3R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
JQ9	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-92,-,12	
AQ12	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
AQ3	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
AQ11	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ14	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ15	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ17	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ4	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
AQ5	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
JQ8	0504-000121	TR-DIGITAL;KSR1007,NPN,300MW,22K/47K,TO-92,TP	
QQ2	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92,	
QQ4	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92,	
AQ9	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-92,TP	
JQ7	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-92,TP	
TCF1	14529-304-610	FILTER CERAMIC;AHCM2-450BL	
TR64	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR23	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4MM	
HR1	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
HR2	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
JR37	2001-000117	R-CARBON(S);68OHM,5%,1/2W,AA,TP,2.4X6.4MM	
JR29	2001-000118	R-CARBON(S);180ohm,5%,1/2W,AA,TP,2.4x6.4mm	
AR60	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

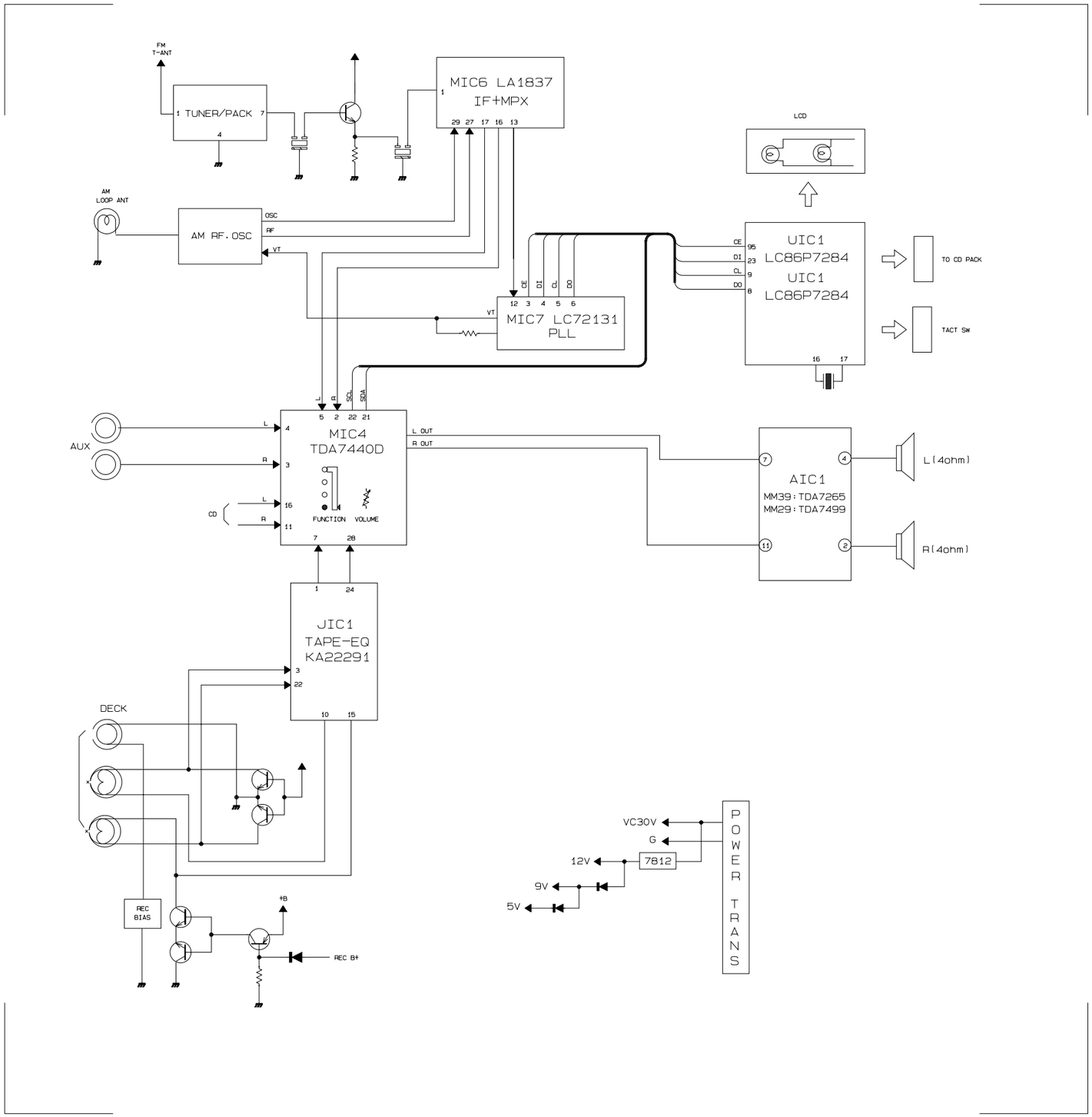
Location no.	Code no.	Description & Specifiation	Remarks
JR58	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR59	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR21	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR72	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR43	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR47	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR50	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR13L	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR13R	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR31	2001-000411	R-CARBON;18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR32	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR8	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR2L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR2R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
MR7	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR30	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR31	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR46	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR49	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR39	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR40	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR41	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR42	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR63	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR13	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR5	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR51	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR53	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR56	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR10R	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR30	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR27	2001-000527	R-CARBON;22OHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR15	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR11L	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR11R	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR16	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR17	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR5	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR6	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR52	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR32	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR62	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR4L	2001-000773	R-CARBON;470KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR54	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR58	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR16L	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
TR11	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
TR24	2001-000802	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m	
AR14	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR15	2001-000857	R-CARBON;560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR56	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR57	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
TR66	2001-000977	R-CARBON;8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR30	2001-001138	R-CARBON(S);390ohm,5%,1/2W,AA,TP,2.4x6.4mm	
AR20	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR21	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR45	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR46	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR4	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4MM	
AR7	2003-000428	R-METAL OXIDE(S);1.5Kohm,5%,1W,AA,TP,3.3x9mm	
AR3	2003-000534	R-METAL OXIDE(S);1Kohm,5%,1W,AA,TP,3.3x9mm	
AR1	2003-000554	R-METAL OXIDE(S);2.2ohm,5%,1W,AA,TP,3.3x9mm	
AR2	2003-000554	R-METAL OXIDE(S);2.2ohm,5%,1W,AA,TP,3.3x9mm	
TVR1	2103-000290	VR-SEMI;20Kohm,30%,1/10W,TOP	
TC60	2201-000144	C-CERAMIC,DISC;100pF,5%,50V,CH,TP,8x3,5	
DC1	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP	
DC3	2201-000483	C-CERAMIC,DISC;33pF,5%,50V,CH,TP,5x3,5	
AC1	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC2	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC3	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
AC5	2201-000547	C-CERAMIC,DISC;4.7nF,20%,500V,Y5T,TP,8x3,5	
TC37	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
TC63	2201-000565	C-CERAMIC,DISC;47nF,20%,50V,Y5V,12.5x4.0mm,5mm,TP	
TC49	2201-000747	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x4,5	
AC42	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC52	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC62	2202-000781	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP,3.5x19,-	
TC47	2202-000796	C-CERAMIC,MLC-AXIAL;1nF,10%,50V,Y5P,TP,3.5x19,-	
TC41	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19	
AC13	2301-000387	C-FILM,PEF;150NF,10%,50V,TP,12.5X15X7.5,7	
AC14	2301-000387	C-FILM,PEF;150NF,10%,50V,TP,12.5X15X7.5,7	
JC34	2301-000422	C-FILM,PEF;3.3NF,10%,50V,TP,5.5X7X3MM,5MM	
QC15L	2305-000217	C-FILM,MPEF;1uF,10%,100V,BK,21.5x16x8.6,	
QC15R	2305-000217	C-FILM,MPEF;1uF,10%,100V,BK,21.5x16x8.6,	
DC2	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5	
CC3	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC001	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC32	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
TC18	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC19	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC20	2401-000419	C-AL;10UF,20%,16V,GP,-,4X7,5	
TC9	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,2MM	
JC72	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
QC50	2401-000778	C-AL;220uF,20%,10V,GP,6.3x11,2.5mm,	
AC8	2401-000795	C-AL;220UF,20%,16V,GP,-,8X11.5,3.5M	
JC10L	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC10R	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC12L	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC12R	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC21	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC57	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
TC29	2401-001022	C-AL;3.3UF,20%,50V,GP,-,5X11,2MM	
JC54	2401-001080	C-AL;330nF,20%,50V,GP,-,5x11,2mm	
TC30	2401-001164	C-AL;33UF,20%,16V,GP,-,5X11,2MM	
AC27	2401-001538	C-AL;47UF,20%,25V,GP,-,6X11,2.5MM	
AC11	2401-001645	C-AL;680nF,20%,50V,GP,-,5x11,2mm	
AC30	2401-001645	C-AL;680nF,20%,50V,GP,-,5x11,2mm	
JC19	2401-001895	C-AL;100uF,20%,16V,GP,6.3x11mm,2.5m	
AC10	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
AC26	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC16	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC22	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC23	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC7L	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
JC7R	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
TC3	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
TC4	2401-001912	C-AL;1uF,20%,50V,GP,5x11mm,2mm,BK	
TC23	2401-001936	C-AL;22UF,20%,16V,GP,TP,5X11MM,5MM	
TC24	2401-001936	C-AL;22UF,20%,16V,GP,TP,5X11MM,5MM	
AC29	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
JC18	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
JC70	2401-001938	C-AL;22UF,20%,25V,GP,BK,5X11MM,2MM	
QC10	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
QC9L	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
QC9R	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC10	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC11	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC5	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
TC6	2401-001954	C-AL;4.7UF,20%,50V,GP,BK,5X11MM,5	
JC55	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
TC44	2401-001968	C-AL;470NF,20%,50V,GP,TP,5X11MM,5	
AC7	2401-001969	C-AL;470UF,20%,25V,GP,TP,10X12MM,5M	
AC40	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
AC41	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC11L	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC11R	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC31	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC33	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC3L	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC3R	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC58	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
MC9	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC21	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC33	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
TC35	2401-001975	C-AL;47UF,20%,16V,GP,TP,5X11MM,5	
JC56	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
JC71	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
MC3	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC1L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC1R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC2L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC2R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC3L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC3R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC4L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC4R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC5L	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
QC5R	2401-002180	C-AL;2.2UF,20%,50V,GP,TP,5X11,5MM	
HL1	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
HL2	2701-000298	INDUCTOR-AXIAL;470uH,10%,4.2x9.8mm	
DFT1	2901-001139	FILTER-EMI ON BOARD;50V,.5A,-,390PF,7X2.5X5MM,TP,RADIAL	
DBEAD1	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
DBEAD2	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
MBEAD1	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
AIC3	AC14-12001G	IC;KA78L05,T,-	
		AH96-10001D ASSY-CD PACK;G3X8T,G3X8+TOP LOAD	
		AH90-10737A ASSY-PCB CD MAIN;DVC660FQ,SMC	**S.N.A.**
ND200	0407-000101	DIODE-ARRAY;DA204K,20V,100mA,C2-3,SOT-23,T	
ND201	0407-000101	DIODE-ARRAY;DA204K,20V,100mA,C2-3,SOT-23,T	
NQ1502	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,TP,90-	
IC9286	0904-001159	IC-DSP;9286,8BIT,QFP,80P,-,1MHZ,TR,CM	
IC9258	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP,28P,-,SINGLE,-,ST,	
IC9223	1204-001286	IC-ASP;KB9223,QFP,80P,-,PLASTIC,6V,20	
NR109	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR203	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR300	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR57L	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR57R	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR606	2007-000282	R-CHIP;100KOHM,5%,1/10W,DA,TP,2012	
NR56L	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
NR56R	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
NR602	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	

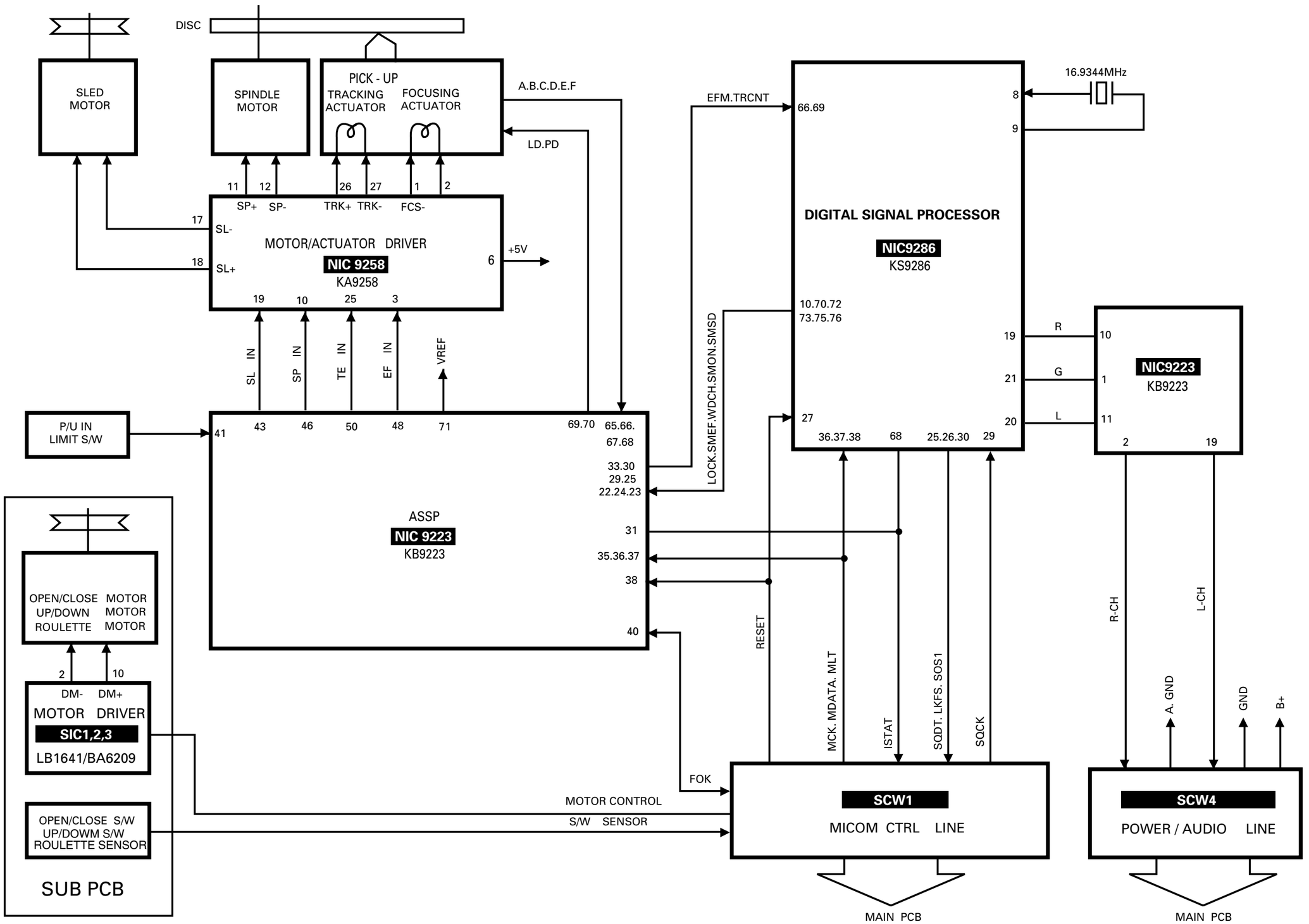
Location no.	Code no.	Description & Specifiation	Remarks
NR603	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012	
NR104	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR106	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR107	2007-000338	R-CHIP;120KOHM,5%,1/10W,DA,TP,2012	
NR100	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR120	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR121	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR204	2007-000355	R-CHIP;12KOHM,5%,1/10W,DA,TP,2012	
NR103	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR119	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR500	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012	
NR400	2007-000409	R-CHIP;15KOHM,5%,1/10W,DA,TP,2012	
NR115	2007-000444	R-CHIP;180KOHM,5%,1/10W,DA,TP,2012	
NR102	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR401	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR54L	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR54R	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR601	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR604	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR804	2007-000468	R-CHIP;1KOHM,5%,1/10W,DA,TP,2012	
NR114	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
NR50L	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR50R	2007-000586	R-CHIP;22KOHM,5%,1/10W,DA,TP,2012	
NR101	2007-000593	R-CHIP;22OHM,5%,1/10W,DA,TP,2012	
NR200	2007-000653	R-CHIP;27KOHM,5%,1/10W,DA,TP,2012	
NR201	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR202	2007-000686	R-CHIP;3.3KOHM,5%,1/10W,DA,TP,2012	
NR52L	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
NR52R	2007-000774	R-CHIP;33KOHM,5%,1/10W,DA,TP,2012	
NR105	2007-000830	R-CHIP;39KOHM,5%,1/10W,DA,TP,2012	
NR53L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR53R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR55L	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR55R	2007-000872	R-CHIP;4.7KOHM,5%,1/10W,DA,TP,2012	
NR117	2007-000898	R-CHIP;430Kohm,5%,1/10W,DA,TP,2012	
NR108	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR111	2007-000941	R-CHIP;47KOHM,5%,1/10W,DA,TP,2012	
NR112	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012	
NR113	2007-001177	R-CHIP;8.2KOHM,5%,1/10W,DA,TP,2012	
NR116	2007-001195	R-CHIP;820KOHM,5%,1/10W,DA,TP,2012	
NR118	2007-001216	R-CHIP;82OHM,5%,1/10W,DA,TP,2012	
NC107	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC108	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC119	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC120	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC121	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC904	2203-000199	C-CERAMIC,CHIP;100nF,79.8,50V,Z5U,TP,2012,-	
NC54L	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
NC54R	2203-000239	C-CERAMIC,CHIP;100pF,5%,50V,NPO,TP,2012,-	
-	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC103	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC112	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC113	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC116	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC205	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC400	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC500	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC502	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC53L	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC53R	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC602	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC800	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC804	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC901	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC902	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC905	2203-000260	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,2012,-	
NC107	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,2012,-	
NC301	2203-000477	C-CERAMIC,CHIP;1uF,+80-20%,16V,Y5V,TP,2012,-	
NC110	2203-000495	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,2012,-,TP	
NC118	2203-000787	C-CERAMIC,CHIP;330pF,5%,50V,NPO,TP,2012,-	
NC101	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC111	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC125	2203-000802	C-CERAMIC,CHIP;33nF,10%,50V,X7R,TP,2012,-	
NC100	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
NC106	2203-000892	C-CERAMIC,CHIP;4.7NF,10%,50V,X7R,TP,2012,-	
NC124	2203-000919	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,2012,	
NC204	2203-000919	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,2012,	
NC200	2203-000979	C-CERAMIC,CHIP;47nF,10%,50V,X7R,TP,2012,-	
NC2000	2203-001026	C-CERAMIC,CHIP;4pF,0.25pF,50V,SL,TP,2012,-	
NC115	2203-001137	C-CERAMIC,CHIP;68nF,+80-20%,50V,Y5V,TP,2012,-	
NC190	2203-001256	C-CERAMIC,CHIP;8pF,0.25pF,50V,NPO,TP,2012,2.0	
NC104	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC300	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC52L	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC52R	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC603	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC903	2203-001537	C-CERAMIC,CHIP;1NF,10%,50V,X7R,TP,2012,-	
NC102	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
NC201	2203-001551	C-CERAMIC,CHIP;1.5NF,10%,50V,X7R,TP,2012,2MM	
NC202	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC203	2203-001619	C-CERAMIC,CHIP;27PF,5%,50V,NPO,TP,2012,2MM	
NC50L	2404-000367	C-TA,CHIP;4.7UF,20%,6.3V,-,TP,3216,-	
NC50R	2404-000367	C-TA,CHIP;4.7UF,20%,6.3V,-,TP,3216,-	

Location no.	Code no.	Description & Specifiation	Remarks
NL301	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
NL303	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
NL300	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-	
NL302	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-	
NJW106	3811-000389	WIRE-NO SHEATH CU;SPCW,300V,52.4MM,1/0.5MM,-,-	
NQ1501	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
NR555	2008-000141	R-FUSIBLE;2.2ohm,5%,1/4W,AA,TP,2.6x6.7mm	
NC117	2301-000389	C-FILM,PEF;150nF,5%,50V,TP,12.5x15x7.5,7m	
NC105	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC501	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC702	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC704	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC902	2401-000243	C-AL;100uF,20%,10V,GP,TP,6.3x5,5	
NC114	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,-	
NC700	2401-000868	C-AL;220uF,20%,4V,GP,TP,6.3x5,2.5mm	
NC701	2401-000868	C-AL;220uF,20%,4V,GP,TP,6.3x5,2.5mm	
NC703	2401-001102	C-AL;330UF,20%,16V,GP,TP,8X12,5	
NC122	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC55L	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC55R	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NC903	2401-001238	C-AL;4.7uF,20%,25V,GP,BK,3x5,1mm	
NJW108	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G	
NIC05	AC14-12001G	IC;KA78L05,T,-	
	AJ59-20003E	DECK-CDP;CMS-P30AM6,-,-,-,	
	AH97-00142A	ASSY-MACHINERY-COM;MM29/39,-	

4. Block Diagram

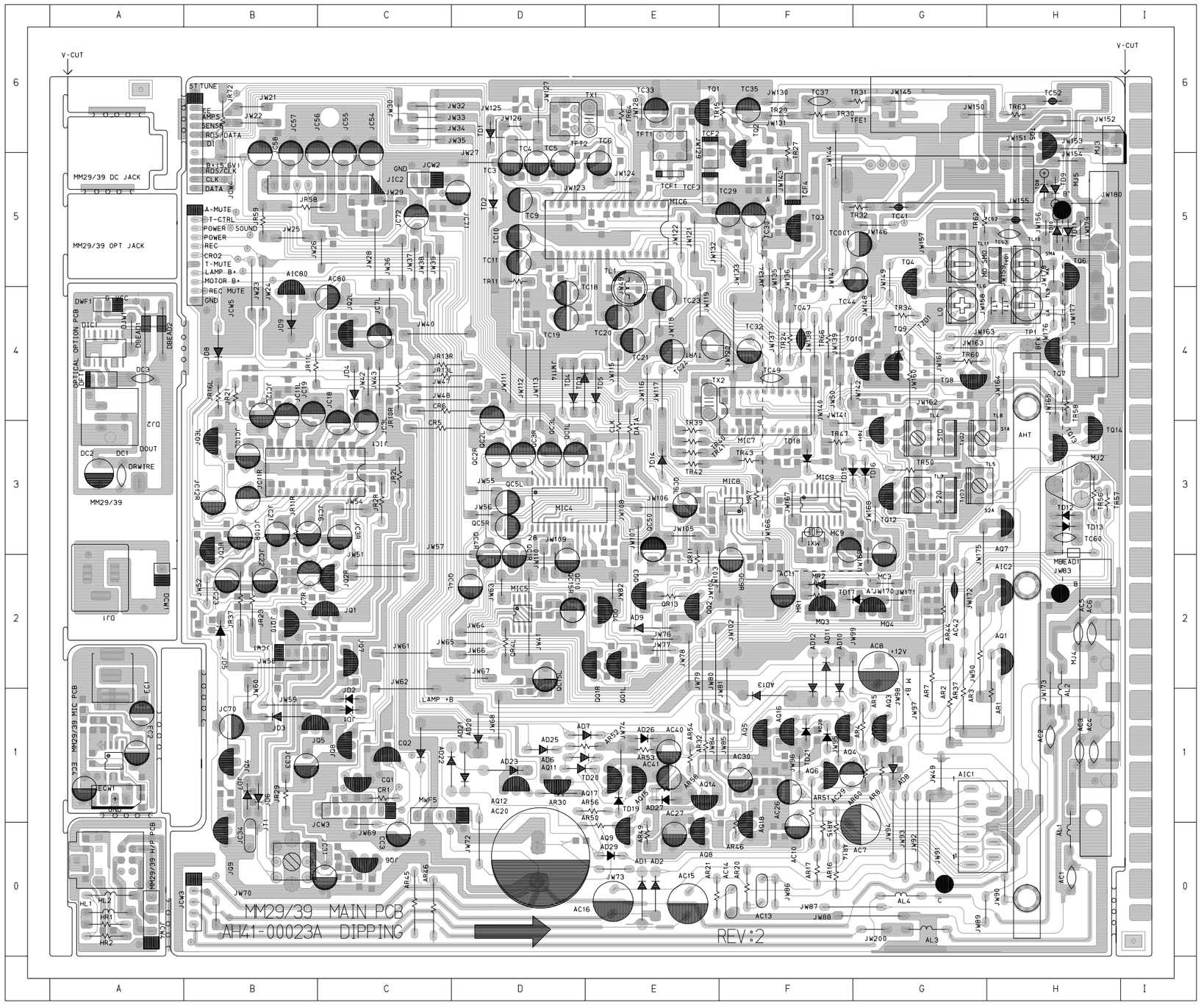
4-1 Main




DISC
SLED MOTOR
SPINDLE MOTOR
PICK - UP
TRACKING ACTUATOR
FOCUSING ACTUATOR
A.B.C.D.E.F
LD.PD
11 12 26 27 1 2
SP+ SP- TRK+ TRK- FCS-
17 SL-
18 SL+
MOTOR/ACTUATOR DRIVER
NIC 9258
KA9258
6 +5V
19 10 25 3
SL IN
SP IN
TE IN
EF IN
VREF
P/U IN LIMIT S/W
41
43 46 50 48 71
69.70 65.66. 67.68
33.30 29.25 22.24.23
31
35.36.37
38
40
ASSP
NIC 9223
KB9223
LOCK.SMEF.WDCH.SMON.SMSD
EFM.TRCNT
66.69
8
9
16.9344MHz
DIGITAL SIGNAL PROCESSOR
NIC9286
KS9286
10.70.72 73.75.76
27
36.37.38 68 25.26.30 29
19 R
21 G
20 L
NIC9223
KB9223
10 1 11
2 19
RESET
MCK. MDATA. MLT
ISTAT
SQDT. LKFS. SOS1
SQCK
R-CH
L-CH
A. GND
GND
B+
OPEN/CLOSE MOTOR
UP/DOWN MOTOR
ROULETTE MOTOR
2 10
DM- DM+
MOTOR DRIVER
SIC1,2,3
LB1641/BA6209
OPEN/CLOSE S/W
UP/DOWM S/W
ROULETTE SENSOR
SUB PCB
FOK
MOTOR CONTROL
S/W SENSOR
SCW1
MICOM CTRL LINE
SCW4
POWER / AUDIO LINE
MAIN PCB
MAIN PCB

5. Printed Circuit Board Diagram

5-1 MAIN



*** CONDENSER ***

AC1 (H0)
AC13 (F0)
AC14 (F0)
AC2 (H1)
AC3 (H1)
AC4 (H1)
AC42 (G2)
AC5 (H2)
AC6 (H2)
DC1 (A3)
DC2 (A3)
DC3 (A4)
JC34 (B0)
TC37 (F6)
TC41 (G5)
TC47 (F4)
TC49 (F4)
TC52 (H6)
TC60 (H3)
TC62 (H5)
TC63 (H5)

*** DIODE ***

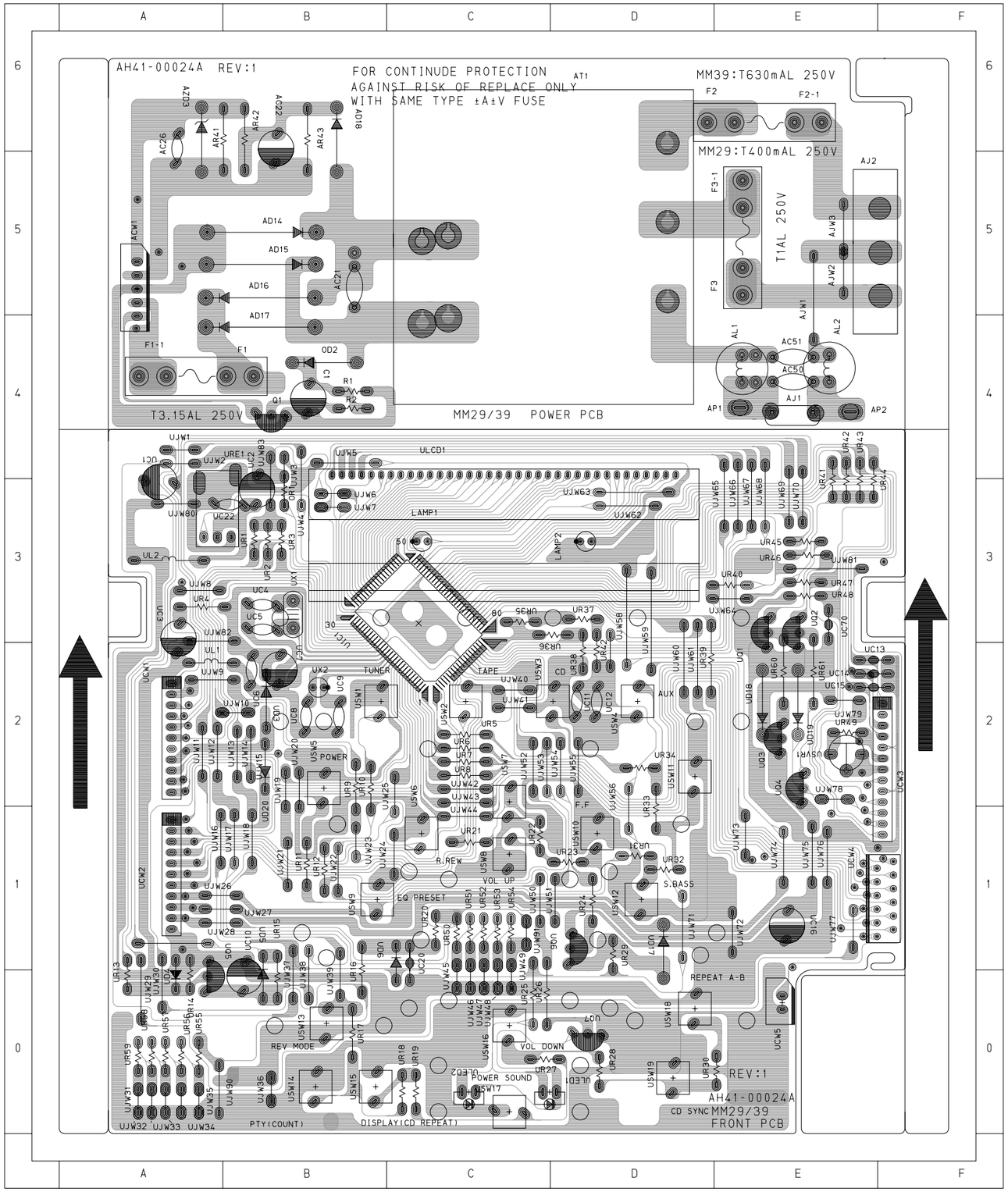
* (C1)
AD1 (E0)
AD10 (F1)
AD11 (F2)
AD12 (F1)
AD13 (F1)
AD2 (E0)
AD20 (D1)
AD21 (D1)
AD22 (D1)
AD23 (D1)
AD25 (D1)
AD26 (E1)
AD27 (E1)
AD28 (F1)
AD29 (E0)
AD6 (E1)
AD7 (E1)
AD8 (G1)
AD9 (E2)
JD1 (C1)
JD2 (C1)
JD3 (B1)
JD4 (C4)
JD5 (B2)
JD6 (B1)
JD7 (B1)
JD8 (B4)
JD9 (B4)
JW114 (D4)
TD1 (D6)
TD10 (H5)
TD11 (H5)
TD12 (H3)
TD13 (H3)
TD14 (E3)
TD15 (G3)
TD16 (G3)
TD17 (F2)
TD18 (F3)
TD19 (E1)
TD2 (D5)
TD20 (E1)
TD21 (F1)
TD3 (D4)
TD5 (E4)
TD8 (H5)
TD9 (H5)

*** TR ***

AIC2 (H2)
AIC80 (B4)
AQ1 (H2)
AQ11 (D1)
AQ12 (D1)
AQ14 (E1)
AQ15 (E1)
AQ16 (F1)
AQ17 (E1)
AQ18 (F0)
AQ3 (G1)
AQ4 (F1)
AQ5 (F1)
AQ6 (F1)
AQ7 (H3)
AQ8 (E0)
AQ9 (E0)
CQ1 (C1)
CQ2 (C1)
JQ1 (B2)
JQ10 (B2)
JQ2L (C4)
JQ2R (C2)
JQ3L (B3)
JQ3R (B2)
JQ4 (B1)
JQ5 (B1)
JQ6 (C0)
JQ7 (C2)
JQ8 (C1)
JQ9 (B0)
MQ3 (F2)
MQ4 (G2)
QQ1L (E2)
QQ1R (E2)
QQ2 (E2)
QQ3 (E2)
QQ4 (E2)
TQ1 (E6)
TQ10 (G4)
TQ11 (G3)
TQ12 (G3)
TQ13 (H3)
TQ14 (H4)
TQ2 (F5)
TQ3 (F5)
TQ4 (G4)
TQ5 (H6)
TQ6 (H5)
TQ7 (H4)
TQ8 (G4)
TQ9 (G4)

*** IC&WAFER ***

* (A4)
DCW1 (A2)
DWF1 (A4)
ECW1 (A1)
JCW1 (B2)
JCW2 (C5)
JCW3 (C1)
JCW3 (B0)
JCW4 (B6)
JCW4 (A0)
JCW5 (B5)
JIC1 (C3)
JIC2 (C5)
JT1 (B0)
MJ3 (H6)
MWF5 (C1)
TCF1 (E5)
TFT1 (E5)
TFT2 (D6)



*** CONDENSER ***

AC22 (B6)
AC26 (A5)
C1 (B4)
UC1 (A3)
UC10 (B0)
UC11 (D2)
UC12 (D2)
UC13 (E2)
UC14 (E2)
UC15 (E2)
UC16 (E1)
UC2 (B3)
UC20 (C0)
UC22 (A3)
UC3 (A3)
UC4 (B3)
UC5 (B3)
UC6 (B2)
UC7 (B2)
UC70 (E3)
UC8 (B2)
UC9 (B2)

*** IC&WAFER ***

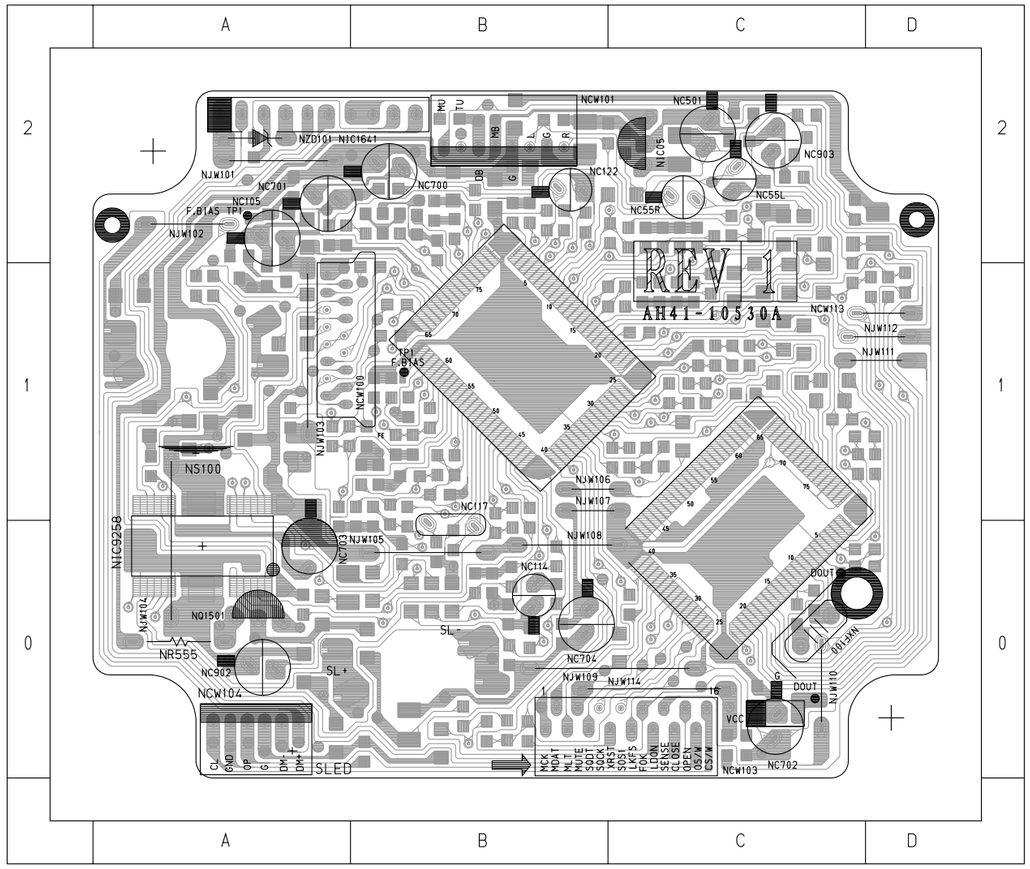
ACW1 (A5)
UCW1 (A2)
UCW2 (A1)
UCW3 (F2)
UCW5 (E0)
URE1 (A3)
USW1 (B2)
USW10 (D1)
USW11 (D2)
USW12 (D1)
USW13 (B0)
USW14 (B0)
USW15 (B0)
USW16 (C0)
USW17 (C0)
USW18 (D0)
USW19 (D0)
USW2 (C2)
USW3 (D2)
USW4 (D2)
USW5 (B2)
USW6 (C1)
USW7 (C2)
USW8 (C1)
USW9 (B1)

*** DIODE ***

AD18 (B6)
AZD3 (A6)
OD2 (B4)
UD17 (D1)
UD18 (E2)
UD19 (E2)
UD20 (B2)
UD3 (B2)
UD4 (A0)
UD5 (B1)
UD6 (C1)

*** TR ***

Q1 (B4)
UQ1 (E2)
UQ2 (E2)
UQ3 (E2)
UQ4 (E2)
UQ5 (A1)
UQ6 (D1)
UQ7 (D0)



*** CHIP ***

IC9223 (B1)
IC9258 (A0)
IC9286 (B0)
NC100 (B2)
NC101 (B2)
NC102 (B2)
NC103 (B2)
NC104 (A1)
NC106 (B2)
NC107 (B1)
NC108 (B1)
NC110 (B1)
NC111 (B1)
NC112 (B1)
NC113 (B1)
NC115 (B0)
NC116 (B0)
NC117 (B2)
NC118 (B0)
NC119 (B1)
NC120 (C1)
NC121 (C1)
NC124 (C1)
NC125 (C1)
NC190 (A2)
NC200 (D1)
NC2000 (B2)
NC201 (C0)
NC202 (C0)
NC203 (C0)
NC204 (C1)
NC205 (C1)
NC300 (C2)
NC301 (B2)
NC400 (C2)
NC500 (A2)
NC502 (C2)
NC50L (C1)
NC50R (C1)
NC52L (C1)
NC52R (C2)
NC53L (C1)
NC53R (C2)
NC54L (D1)
NC54R (C1)
NC602 (B0)
NC603 (B1)
NC800 (B0)
NC804 (B1)
NC901 (C0)
NC902 (C0)
NC903 (B1)
NC904 (A1)
NC905 (B0)
ND200 (C2)
ND201 (C2)
NJR102 (B2)
NJR103 (A2)
NJR104 (A2)
NJR105 (C1)
NJR106 (C1)
NJR107 (C1)
NJR108 (C1)
NJR110 (B0)
NJR111 (B0)
NJR112 (B0)
NJR113 (B0)
NJR114 (B0)
NJR115 (B0)
NJR116 (A1)
NJR117 (A1)
NJR118 (B1)
NJR127 (C2)
NJR129 (C2)
NJR131 (B2)
NJR132 (B2)
NJR133 (A1)
NJR134 (A1)
NJR135 (A1)
NJR136 (A1)
NJR137 (A1)
NJR138 (A1)
NJR139 (A1)
NJR140 (A1)
NJR141 (A1)
NJR142 (A1)
NJR143 (A0)
NJR144 (A0)
NJR145 (B0)
NJR146 (A0)
NJR147 (A0)
NJR148 (B0)
NJR149 (B0)
NJR150 (B0)
NJR151 (C0)
NJR152 (C0)
NJR153 (C0)
NJR154 (C1)
NJR155 (C1)
NJR156 (C1)
NJR300 (C1)
NJR301 (C2)
NJR302 (C2)
NJR303 (C2)
NJR304 (C2)
NJR305 (C2)
NJR306 (C1)
NJR307 (C2)
NJR308 (B2)
NJW320 (B2)
NL100 (B0)
NL300 (D2)
NL301 (C2)
NL302 (B2)
NL303 (A0)
NQ1502 (A1)
NR100 (B2)
NR101 (A1)
NR102 (A1)
NR103 (B1)
NR103 (B1)
NR104 (B0)
NR105 (B0)
NR106 (B0)
NR107 (B1)
NR108 (B1)
NR109 (B1)
NR111 (B0)
NR112 (B0)
NR113 (C1)
NR114 (C1)
NR115 (C1)
NR116 (B2)
NR117 (B2)
NR118 (B1)
NR119 (C1)
NR120 (B2)
NR121 (B2)
NR200 (C1)
NR201 (C0)
NR202 (C1)
NR203 (C1)
NR204 (C1)
NR300 (C1)
NR400 (B0)
NR401 (B1)
NR50L (C1)
NR50R (C2)
NR52L (C1)
NR52R (C2)
NR53L (C1)
NR53R (C2)
NR54L (C1)
NR54R (C2)
NR55L (C1)
NR55R (C2)
NR56L (D1)
NR56R (D1)
NR57L (B2)
NR57R (C2)
NR601 (B1)
NR602 (B1)
NR603 (B1)
NR604 (B1)
NR606 (B0)
NR804 (B0)

*** CONDENSER ***

NC105 (A2)
NC114 (B0)
NC117 (B0)
NC122 (B2)
NC501 (C2)
NC55L (C2)
NC55R (C2)
NC700 (B2)
NC701 (A2)
NC702 (C0)
NC703 (A0)
NC704 (B0)
NC902 (A0)
NC903 (C2)

*** RESISTOR ***

NR555 (A0)

*** DIODE ***

NZD101 (A2)

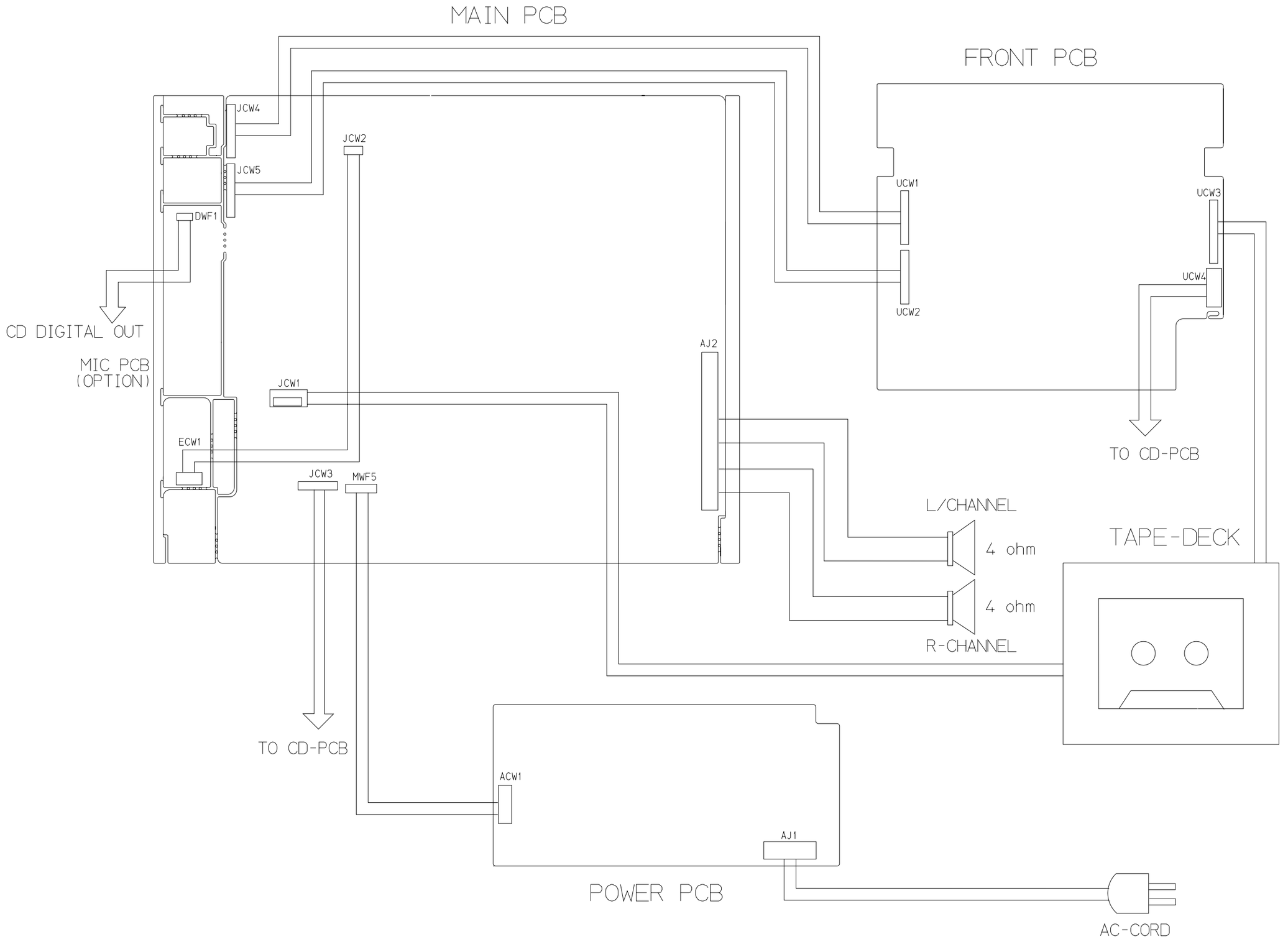
*** TR ***

NIC05 (C2)
NQ1501 (A0)

*** IC&WAFER ***

NCW101 (B2)
NCW104 (A0)
NIC1641 (A2)

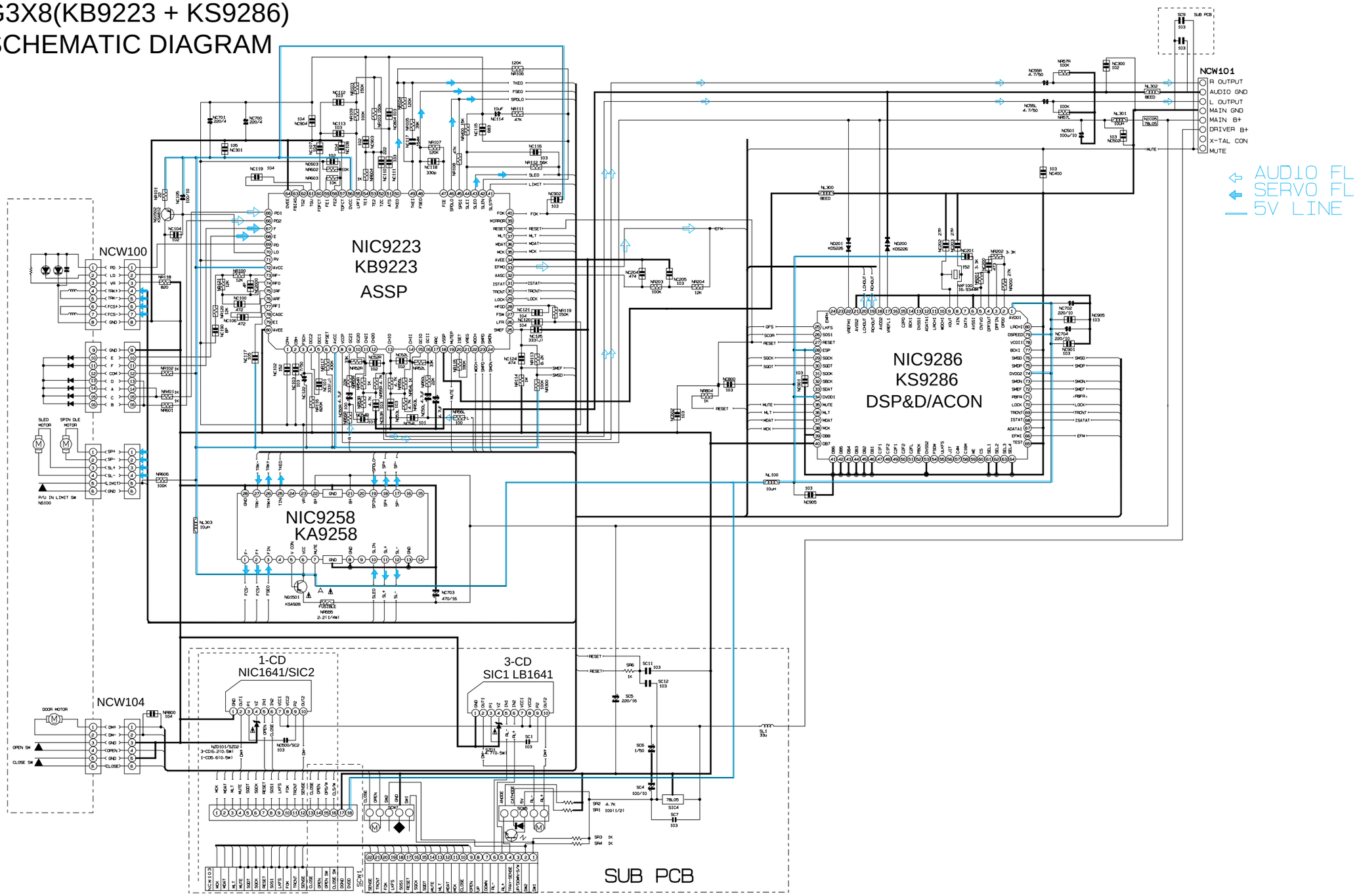
6. Wiring Diagram



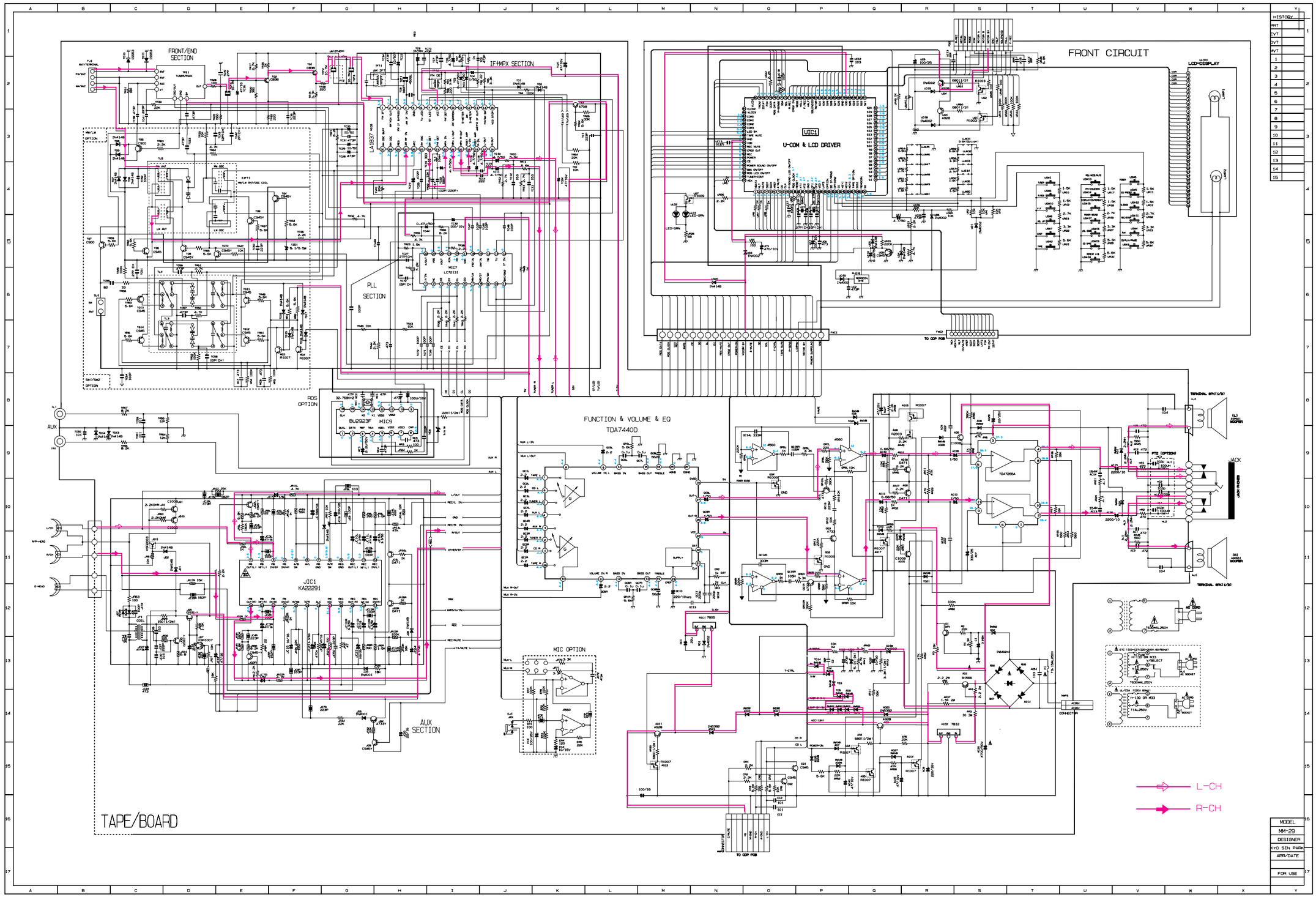
7. Schematic Diagram

7-1 CD Part

G3X8(KB9223 + KS9286)
SCHEMATIC DIAGRAM



7-2 MAIN Part


FRONT/END SECTION
IFHMPX SECTION
PLL SECTION
FRONT CIRCUIT
U-COM & LCD DRIVER
LCD-DISPLAY
FUNCTION & VOLUME & EQ
TDA7440D
MIC OPTION
AUX SECTION
TAPE/BOARD
TO CDP PCB
TERMINAL SPK(L/R)
JACK
L-CH
R-CH

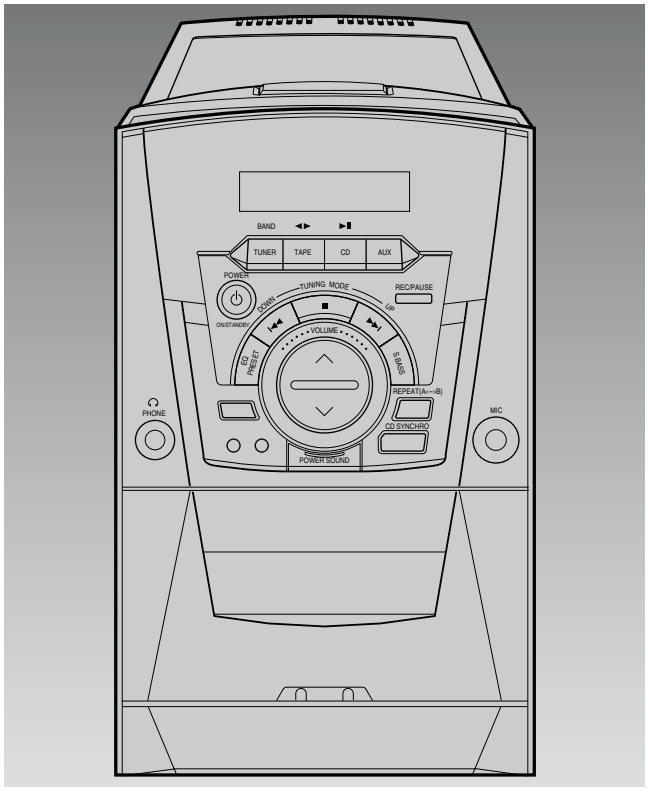
SAMSUNG

MICRO COMPONENT

MM-N4

SERVICE Manual

MICRO COMPONENT SYSTME



CONTENTS

1. Alignment and Adjustments
2. Exploded Views and Parts List
3. Electrical Parts List
4. Block Diagrams
5. PCB Diagrams
6. Wiring Diagram
7. Schematic Diagrams

ELECTRONICS

© Samsung Electronics Co.,Ltd. MAR. 2000
Printed in Korea
Code no. AH68-20183G